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Thanks are due to many persons who have assisted us in the compilation of this volume.

Dr. Henrik Saute, Jr., Stockholm, of the Geological Survey of Sweden, has entirely revised the list of Sweden scientists and the credit for its accuracy is due to him.

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ABBREVIATIONS.

Acad., Academy. Agric., Agriculture. Ala., Alabama. Am., American. Anat., Anatomy. Analyt., Analytical. Anth., Anthropology. Antiq., Antiquities. Arach., Arachinda. Arch., Archæology. Ariz., Arizona. Ark., Arkansas. Ast., Astronomy. Asst., Assistant. Biol., Biology. Bot., Botany. Bryol., Bryology. C., Collection. Calif., California. Carab., Carabidæ. Carb., Carboniferous. Ceramb., Cerambycidæ. Chem., Chemistry. Cicind., Cicindelidæ. Cin., Cincinnati. Colo., Colorado. Coleopt., Coleoptera. Coll., College. Comp., Comparative. Con., Conchology. Conn., Connecticut. Crypt., Cryptogamic. Crystall., Crystallography. Cur., Curator. Cust., Custodian. Dak., Dakota. D. C., District of Columbia. **De**l., Delaware. Dept., Department, Devon., Devonian. Dipt., Diptera. Dir., Director.

Dist., Distribution. E. E., Electrical Engineer. Econ., Economic. Elect., Electricity. Emb., Embryology. Ent., Entomology. Esp., Especially. Eth., Ethnology. Ethnog., Ethnography. Ex., Exchange. Fla., Florida. Ga., Georgia. Gen., General. Geog., Geographical. Geol., Geology. Held., Helderberg. Hemipt., Hemiptera. Herpetol., Herpetology. Histol., Histology. Hist., History. Hort., Horticulture. Hymenopt., Hymenoptera. Ia., Iowa. Ichth., Ichthyology. Ill., Illinois. Ind., Indiana. Invert., Invertebrates. Inorg., Inorganic. Inst., Institute. Kan., Kansas. Ky., Kentucky. L., Lower. La., Louisiana. L. & F. W., L. and Fresh Water. Lepid., Lepidoptera. Lithol., Lithology. M., Marine. Mam., Mammalogy. Mass., Massachusetts. Math., Mathematics. Md., Maryland. Me., Maine.

M. E., Mining Engineer. Med., Medical. Meteo., Meteorology. Metall., Metallurgy. Mic., Microscopy. Mich., Michigan. Min., Mineralogy. Minn., Minnesota. Miss., Mississippi. Mo., Missouri. Moll., Molluscs. Mont., Montana. Mus., Museum. Nat. Hist., Natural History. N. C., North Carolina. Neb., Nebraska. Neuropt., Neuroptera. Nev., Nevada. N. H., New Hampshire. Niag., Niagara. N. J., New Jersey. N. M., New Mexico. N. Y., New York. O., Ohio. Obs., Observatory.
Ool., Oology. Ophthal., Ophthalmology. Ore., Oregon. Org., Organic. Orn., Ornithology. Orthopt., Orthoptera. Osteol., Osteology. Palæo., Palæontology. Pathol., Pathological. Penn., Pennsylvania.

Phæn., Phænogamic.

Philol., Philology. Phil., Philosophy. Photog., Photography. Phys., Physics. Piscol., Piscology. Pres., President.
Prof., Professor.
R. I., Rhode Island. S. C., South Carolina. S. D., South Dakota. Sec., Secretary. Sci., Science. Sil., Silurian. So., Southern. Soc., Society. Spec., Species. Spec., Specimens or specialty. Strat., Stratigraphical. Surv., Survey. Syst., Systematic.
Tax., Taxidermy.
Tech., Technical, Technology.
Tenn., Tennessee.
Tex., Texas. U., Upper. Univ., University. Va., Virginia.
Vasc., Vascular.
Veg., Vegetable.
Vert., Vertebrates. Vt., Vermont. Wis., Wisconsin. W. T., Wyoming Territory. W. Va., West Virginia. Wash., Washington. Zool., Zoology.

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1936 French, S. H., M.D., 40 Church St., Amsterdam, N.Y. Mic., Lepid. C.*

1937 French, Thomas, Jr., A.M., Ph.D., Prof. Physics, Univ. of Cincinnati, Ohio.*

1938 Fretz. C. D., M.D., Sellersville, Bucks Co., Pa. Bot., Mic., Algœ. C.*

1939 Frev, Fred, Taxidermist, 436 Decatur St., Sandusky, Ohio, Palœo., Geol., Zool, Arch., Orn., Tax. C. Ex.*

1940 Friant, Geo. P. 102 Washington Ave., Scranton, Pa. Orn., Tax.

1941 Frick, Jno. H., A.M., Prof. Nat. Sci., Central Wesleyan Coll., Warrenton, Mo. Geol., Bot. C. Ex.*

1942 Friday, Frederick, Fetterman, Alleghany Co., Pa. C. Ex. Desires especially Papilios *

1943 Fries, George W., B.P., Friendship, N.Y. Mic. C. Ex.

1944 Fries, J. A., Asst. Chemist, Agr. Expr. Station, State Coll., Centre Co., Pa. Org. and Inorg. Chem.*

1945 Frisbie, Dr. J. F., Newton, Mass. Geol., Arch.*

- 1946 Frisby, Prof. Edgar, U.S. Naval Observ., Washington, D.C.* 1947 Fritts, Chas. E., Electrician, 42 Nassau St., New York City.
- Elect., Phys., Chem., Photog., Metall.
- 1948 Froehling, Dr. Henry, Analyt. Chem., 17 S.12th St., Richmond, Va., and Warners, Onondaga Co., N.Y. Mic., Chem., Min. C.
- 1949 Frohock, Roscoe, Malden, Mass. Crypt. 3Bot. C. Ex.?
- 1950 Frossard, Prof. Ed., 108 East 14th St., New York, N.Y. Numis., Arch. Collection of Coins. Ex.*
- 1951 Frost, Edwin B., Hanover, N.H. Phys., Ast.*
- 1952 Frost, William D., Asst. on Bot. Survey of Minn., Univ. of Minn., Minneapolis, Minn. Lichens, Algæ.
- 1953 Frost, Mrs. W. D., Unadilla Forks, N.Y., via Utica. Ferns. C. Ex.*
- 1954 Fry, Howard J., 908 E. Genesee St., Syracuse, N.Y. Mosses, Fungi, Lichens, Algæ, Foreign and Domestic Stamps. C. Ex.*
- 1955 Fry, T. Marshall, Conchologist, 908 E. Genesee St., Syracuse, N.Y. Con., Bot., Palæo., Min., Moll. L. and F. W. Shells-desired from all parts of the world. C. Ex.*
- 1955a Fuchs, Chas., 212 Kearny St., San Francisco, Calif. Coleopt. U.S. of America and Mexico. Ex. and purchase.*
- 1956 Fuelling, John L., Dept. of Agric., Washington, D.C. Chem.*
- 1956a Fuller, Arthur A., M.E., Columbia, Mo. Physics, Elect., Ast.?
- 1957 Fuller, A. S., Ridgewood, N.J. Floriculture, Phæn. Bot., Coleopt. C. Ex.*
- 1958 Fuller, Mrs. C. E., Needham, Mass. Bot., Ent., Orn.*
- 1959 Fuller, Chas. G., M.D., F.R.M.S., 39 Central Music Hall, Chicago, Ill. Bacteriol., Hist., Mic. C. Ex.*
- 1960 Fuller, Charles H., Bloomfield, Essex Co., N.J. Phæn. Bot. C. Ex.*
- 1961 Fuller, F. Wesley, West Quincy, Mass. Geol., Min., Photog., Tax. C. Ex. Granite Spec. for ex.*
- 1962 Fuller, Geo. A., M.D., 5 Houghton St., Worcester, Mass. Min., Land Moll. C. Ex.*
- 1963 Fuller, G. W., Mass. State Board of Health, Lawrence Expr. Station, Lawrence, Mass. Bacteriol., Chem.*
- 1964 Fuller, Homer T., Pres. and Prof. of Geol., Worcester Polytechnic School, 18 Boynton St., Worcester, Mass. Strat. Geol., Min., Metall. C. Ex.*
- 1965 Fuller, J. E., P. O. Box 481, Mansfield, Mass. Ethnol., Orn., Oct., Tax., Lepid. C. Ex. Postage Stamps for eggs or minerals.
- 1966 Fuller, L. A., Supt. Pacific Ex. Co., 1829 Rutger St., St. Louis, Mo. Palæo. C.?
- 1967 Fuller, T. O., Needham, Norfolk Co., Mass. Gen. Bot., Orn., Ool.*
- 1968 Fulmer, Elton, M. A., P.O. Box 372, Lincoln, Nebraska.
 Min., Crystall., Lithol., Inorg. Chem., Metall. C. Ex.*

- 1969 Fultz, F. M., Burlington, Iowa. Palæo., Invert., Orn. C. Ex.*
- 1970 Furness, H. B., 20 Locust St., Walnut Hills, Cincinnati, Ohio. Chem., Min., Metall., Phys.
- 1971 Fyles, Rev. T. W., South Quebec, Canada. Ent., Lepid.?
- 1972 Gabriel, R., Milford Centre, Ohio. Lenses and Astronomical Objectives. Desires books and papers on Optics, Ast. and Mic.*
- 1973 Gaffield, Thomas, 54 Allen St., Boston, Mass. Chem., Phys., Glass making.*
- 1974 Gage, Simon H., B.S., Associate Prof. of Phys., Cornell Univ., Ithaca, N.Y. Morphol. and Physiol. of Vert.*
- 1975 Gage, Susanna, S.P., Ph.B., Ithaca, N.Y. Morphol., Physiol.*
- 1976 Gaines, J. T., 722 E. Broadway, Louisville, Ky. Palæo. C. Ex.
- 1977 Gaines, Marshall R., Prin. Whitin Hall School, Santa Fe, New Mexico. Min., Geol., Crystall., Am. Arch. Ex.
- 1978 Gaines, Richard H., Chemist, Virginia Dept. of Agric., Richmond, Va. Analyt. Chem.*
- 1979 Galen, James, Bethesda, Lancaster Co., Pa. Bot., Geol., Min., Orn., Ool., Emb., Arch., Con., Philately, Numis., Chem. Collects seeds, plants, etc. for Nurserymen and others. C. Ex.*
- 1980 Gallagher, William C., Ross, Lake Co., Ind. Ent. C.*
- 1981 Gallaher, Frank M., Santa Barbara, Calif. Bot., Hort., Geol., Meteo.*
- 1982 Galloway, B. T., U.S. Dept. of Agric., Washington, D.C., Chief of the Division of Veg. Pathol. Mycol.*
- 1983 Gane, Henry S., Johns Hopkins Univ., Baltimore, Md. Palœo., Min. C. Ex. Will ex. Tertiary Fossils for old Geolog. Reports.**
- 1984 Gannaway, Chas. B., Chemist and Mineralogist. 520 Garrison Ave., Fort Smith, Arkansas. Min., Crystall., Lithol., Chem., Metall., Mic., Photog. C. Min.*
- 1985 Gannett, Henry, S.B., A. Met. B., U.S. Geol. Survey, Washington, D.C. Geography.?
- 1986 Ganong, Wm. F., Harvard Univ., Cambridge, Mass. Bot., Phæn. Plants, Gen. Biol., Geog. Dist., Morphol.*
- 1987 Garderqa, J. T. M., M.D., A.M., Claymont P. O., Del. *Min.* C. Ex.
- 1988 Gardiner, F., Jr., A.B., Sioux Falls, Dakota. Ent., Ichth., Emb. C.?
- 1999 Gardiner, James T., Mining Engineer, 21 Elk St., Albany, N.Y.*
- 1990 Gardiner, Prof. John, B.Sc. (London), Boulder, Colo., Prof. Biol., State Univ. of Colo. Zool., Emb., Invert. Histol. C.*
- 1991 Gardiner, Walter, M.A., F.R.S., F.L.S., Fellow of Class Coll., Camb. Univ., Lecturer in Bot., Botanical Lab., Cambridge. Bot: Phæn and Crypt. Plants, Ferns, Mosses, Fungi, Lichens, Algæ, Hort., Bibliog., Gen. Biol.

1992 Gardinier, Hardie, Ames, N.Y. Bot., Arch. C. Ex.*

1993 Gardner, A.H., P. O. Box, 84, Fort Hamilton, N.Y. Con-L. & F. W. Shells of the U.S.A. C. Ex.*

1994 Gardner, Rev. Corlies B., 8 New York St., Rochester, N.Y. Phys., Elect., Economies.*

1985 Gardner, Edward G., Mass. Inst. Technol., 130 Mt. Vernon

St., Boston, Mass. Emb., Anat. of Vert.

1996 Gardner, Frank P., 14 Grand St., Haverhill, Mass. Ool., Ent. C. Ex.

1997 Gardner, Robert W., 210 E. 16th St., New York, N.Y. Phæn. Plants.

1998 Garlock, F. R., M.D., Racine, Wis. Mic., Anat. C.?

1999 Garman, H., Prof. Zool. and Ent. State Coll. of Ky. Entomologist and Botanist Ky. Agric. Expr. Station, Lexington, Ky. Biol., Emb., Comp. Anat., Ent.*

2000 Garman, Samuel, care Mus. Comp. Zool., Cambridge, Mass. Herpetol., 1chth.

2001 Garratt, Allan V., Elect., Eng., Front and A. Sts., Portland, Oregon. Chem., Physics, Elect.

2002 Garrels, Wm. Louis, 4525 Pine St., St. Louis, Mo. Arch. Numismatics.*

2003 Garret, C. H., 221 East Main St., Kalamazoo, Mich. C. Ex. Postage Stamp Collector.*

2004 Garret, Harry, Taxidermist, 36 East Miner St., West Chester, Chester Co., Pa. Min., Mic., Orn., Tax. Dealer in Minerals. Have thousands of duplicates for sale or exchange. C. Ex. Correspondence desired.

2005 Garret, Philip C., Logan P.O., Phila., Pa. Geol.

2006 Garrett, Albert, 1425 Kentucky St., Lawrence, Kan. Bot., Orn.

2007 Garrison, H. D., 3625 Vincennes Ave., Prof. Chem., Chicago, Ill. Chem., Toxicol., Photog., Biol. C.?

2008 Garrison, J. B., M.D., 111 East 70th St., New York, N.Y. Elect., Anat.

2009 Graver, M. M., Asst. Prof., Pa. State Coll., Dept. of Phys. and Elect. Engineering, State College, Centre Co., Pa. Magnetism, Taxation.*

2010 Gascoyne, Dr. Wm. J., Analyt. and Consulting Chemist, 36 S. Holliday St.. Baltimore, Md. Geol., Min., Chem., Metall.,

Mic., Photog. C. Ex.*
2011 Gaskin, Helena C., Normal Coll., 69th St. and 4th Ave., New York City. Bot.

2012 Gastman, E. A., Supt. City Schools, Decatur, Ill. Ent., Orn. C. Ex. Can furnish live crayfish.*

2013 Gates, Jacob, Provo, Utah. Bot., Ferns., Geol., Chem., Ast.? 2014 Gatschet, Albert S., Bureau of Eth., Washington, D.C. Anth., Indian Linguist., Arch., Eth.

2015 Gattinger, A., M.D., Nashville, Tenn. Bot: Phæn. and Crypt.

Plants, Phys. Geol., Anth.*

2016 Gaul, Charles F., Snediker Ave., near Belmont, Brooklyn. Gen. Biol., Vert. Anat., Geol. C.

- 2017 Gaul, Dr. R. C., 119 So. 4th St., Reading, Pa. Min. C.? 2018 Gault, B. T., Glen Ellyn, Dupage Co., Ill. Orn., Ool., Tax. C.*
- 2019 Gay, Dr. Fred A., 323 Westminster St., Moulton Building, Providence, R.I. Min. C.*
- 2020 Gaylord, Mrs. E. P., 34 High St., Detroit, Mich. Cyprae-idæ?
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- 2025 Geiger, H. R., Springfield, Ohio. Geol., Chem.*
- 2026 Geisler, Joseph Frank, Ph.C., F.C.S., Analyt. and Consulting Chemist, Mercantile Exchange Bld'g, cor. Hudson and Harrison Sts., New York, N.Y. Phæn. Bot., Lithol., Chem.*
- 2027 Genth, Prof. Fred A., Jr., Philadelphia, Pa. Chem., Min. C. Ex.*
- 2028 Gentry, Thomas G., U.S.Grant Boys' Grammar School, N.E. corner 17th and Pine Sts.; Residence 2020 N. 18th St., Philadelphia, Pa. Orn., Ool., Mosses, Fungi. C. Ex.*
- 2029 George, F. W., Williamstown, Iowa. Inorg. Chem., Zool., Orn.*
- 2030 George, James N., 37 Pearl St., Boston, Mass. Elect.*
- 2031 Georgeson, Chas. C., M. Sc., Prof. Agric., Kansas State Agric. Coll., Manhattan, Kansas.*
- 2032 Georgii, Max, L.L.M., C.E., 606 F. St., N.W., Washington, D.C. Chem., Metall., Physics, Elect., Photog., Anth., Eth., Ethnog., Philol.*
- 2033 Gerard, Chas. B., Anderson, Ind. Arch.
- 2034 Gerard. W. R., 62 Clinton Place, New York, N.Y. Bot., Philol., Plant Names.*
- 2035 Gerend, Jacob N., 704 8th St., Sheboygan, Wis. Orn., Ool. C. Ex.*
- 2036 Gerend, John, Sheboygan, Wis. Orn., Ool., Lepid., Herpe-tol. C.*
- 2037 Gerhard, Wm. J., 212 S. 12th St., Reading, Pa. Orn., Ool. C. Ex.
- 2038 Gernerd, J. M. M., Muncy, Lycoming Co., Pa. Arch., Con., Palæo. C.*

2039 Gerrish, Frederic H., Prof. Anat., Bowdoin Coll., 675 Congress St., Portland, Me. Anat.*

2040 Gerry, A. M., Taxidermist, 2 Odd Fellows' Block, So. Paris, Me. Orn., Ool., Tax., Ichth., Mammals. C. Ex.

2041 Getchell, Ellen P., Newburyport, Mass. Palæo., Min., Arch., Eth. C. Ex.*

2042 Giauque, Florien, Attorney, 4th and Walnut Sts., Cincinnati, Ohio. Am. Arch.*

2043 Gibb, Frank W., M.E., C.E., Little Rock, Arkansas. Min., Inorg. Chem., Metall. C. Ex.*

2044 Gibbes, Heneage, M.D., F.R.M.S., (Lond.) Prof. of Path., Univ. of Mich., Ann Arbor, Mich. Mic., Bacteriol., Pathol., Histol.*

2045 Gibbes, Prof. L. R., 38 Coming St., Charleston, S.C. Con. C. Ex.?

2046 Gibbs, Edwin A., M.D., 1608 13th St., N.W., Washington, D. C. Mic., Biol. C. Ex.*
2047 Gibbs, J. Stanley, M.D., Health Retreat, St. Helena, Calif.

Geol., Orn., Ool., Tax. C.?

2048 Gibbs, J. Willard, Ph.D., Prof. Math. Phys., Yale Univ. 121 High St., New Haven, Ct.*

2049 Gibbs, Morris, M.D., Kalamazoo, Mich. Zool., Anat., Mammals, Orn., Ool., Herpetol, Ichth., Osteol., Lepid.*

2050 Gibbs, William, Helena, Montana. Arch., Orn., Tax., Elect., Photog. C. Ex.*

2051 Gibbs, Wolcott, Rumford Prof. Emeritus., Newport, R.I. Chem.▼

2052 Gibson, Chas. B., M.D., Prof. Inorg. Chem., Coll. of Physicians and Surgeons, Chicago, Ill.?

2053 Gibson, Charles D., Dover, Delaware. Philol.

2054 Gibson, Howard B., Chemist, Middletown, Ct. Org. Chem.

2055 Gifford, John C., Instructor in Bot., Swarthmore College, Pa. Mycol.*

2056 Gifford, William E., 136 Liberty St., New York, N.Y. Analyt. Chem.*

2057 Gihon, Albert L., A.M., M.D., Med. Dir. U.S. Navy, United Service Club, 16 West 31st St., New York, N.Y. Biol., Anth.*

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2065 Gilbert, Frank N., 576 34th St., Oakland, Calif. Orn., Ool., Stamps. C. Ex.*

2066 Gilbert, Geo. H., Keene, N.H. Min., Spec. Marbles and Serpentines. C. Ex.*

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2068 Gilbert, Harold, St. John, N.B., Can. Orn.

2069 Gilbert, Louise R., 318 West 8th St., Plainfield, N.J. Ent., Lepid. C. Ex.*

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2074 Gill, Theo. N., M.D., Ph.D., Smithsonian Inst., Washington, D.C. Gen. Zool., Mam., Ichth., Con. C.

2075 Gil, William L., 20 So. Prince St., Lancaster, Pa. Palæo. Geog., Ast.?

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2080 Gilman, Henry A., M.D., Supt. Iowa Hospital for Insane, Mt. Pleasant, Iowa. Bot., Geol., Chem., Physics, Anat.*

2081 Gilman, Wm. C., Newport, Orleans Co., Vt. Geol., Arch., Palæo., Min., Numis.*

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Alameda Co., Calif. Min. C.*

2086 Girling, Robt. N., Chemist, cor. Prytania and Washington Ave., New Orleans, La. Bot., Hort., Agric., Org. and Inorg. Chem., Mic., Photog., Min. C.?

2087 Giroux, N. Julien, C.E., P.L.S., Geol. Survey, Ottawa, Ont., Can. Strat. Geol.*

- 2088 Gisborne, Hartley, M.S.C.E., M.I.E.E., District Supt. Govt. Tel. and Signal Service, Canada; Electrician, Oú Appelle Station, Can.*
- 2089 Gissler, Carl F., Ph.D., M.D., 23 Kossuth Place, near Himrod St., Brooklyn, N.Y. Biol.*
- 2090 Gissler, Édwin F., 23 Kossuth Place, Brooklyn, N.Y. Elect.*
- 2091 Glaser, Louis A., New Brighton, Beaver Co., Pa. Ent: Specialty Lepid.; Min., Ool., Lepid of western Pa. for exchange. C.*
- 2092 Glasgow, Frank A., A.B., M.D., Prof. of Clinical Gynæcology, St. Louis Med. College, Gynæcologist to St. Louis Mullauphy Hospital, 3016 Glasgow Place, St. Louis, Mo. Med. Surgery, Gynecic., Elect-med.*
- 2093 Glazebrook, Otis Allen, D.D., Elizabeth, N.J. Phys., Geol., Arch., Histol.*
- 2094 Gleason, Chas. S., Box 433. Seattle, Washington. Anth., Arch., Eth., Ethnog., Philol. C. Ex.
- 2095 Gleason, E. B., Elmira, N.Y. Nat. Hist.
- 2096 Gleason, Herbert, 51 Commercial St., Boston, Mass. Geol.
- 2097 Gleason, Rev. H. W., Minneapolis, Minn. Bot., Min., Orn.* 2098 Gluck, Lee, M.E., Asst. Geol. Survey Missouri, Jefferson
- City, Mo.
 2099 Gochenour, Wm., Forreston, Ogle Co., Ill. Phæn. Bot. and
 Ferns. C. Ex.
- 2100 Godar, John Ed., Lock box 212, Connersville, Ind. Numis., Con., Philately.*
- 2101 Godbe, Sam'l T., M.E., 1165 S. 9th East St., Salt Lake City, Utah. Phys. and Strat. Geol., Min., Crystall., Lith., Inorg. Chem., Metall., Ast.*
- 2102 Godbout, A. A., 318 Pr. Edward St., St. Rochs, Quebec, Can. Orn., Ool. C. Ex.
- 2103 Goddard, Chas., M.D., Harvard, Ill. Photo-Microg.
- 2104 Godfrey, Chas. C., M.D., Pres. of the Bridgeport Scientific Soc., 254 State St., Bridgeport, Fairfield Co., Ct.*
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- 2107 Goetz, Rev. Geo., Rochester, Beaver Co., Pa. Mic., Photog., Anth., Eth. C.*
- 2108 Goff, Emmett S., Agric. Expr. Station, Univ. of Wisconsin, Madison, Wis. Hort., Ent.*
- 2109 Gold, T. S., Sec. Conn. Board of Agric., West Cornwall, Ct. Bot., Hort., Min. C.*
- 2110 Goldschmidt, S. A., A.M., E.M., Ph.D., Columbia Chemical Works, 43-51 Sedgewick St., Brooklyn, N.Y. Chem., Photog.*

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2122 Goodfellow, Edward, Asst. U.S. Coast and Geodetic Survey, Washington, D.C.*

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2126 Goodloe, Meade, Instructor of Assaying, Univ. of Ariz., Tuscon, Ariz. Inorg. Chem., Metall.*

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2137 Gorby, S. S., State Geologist, Indiana, Indianapolis, Ind.?

2138 Gorden, Wm. J., 51 Water St., Cleveland, Ohio.

2139 Gordinier, Hermon C., M.D., 89 Fourth St., Troy, N.Y.

Phæn. Bot., Arch. Ex.*

²¹⁴⁰ Gordon, C. H., M.S., 465 Emerson St., Evanston, Ill. Instructor in Nat. Hist., Northwestern Univ. Palæo., Bot., Zool., Geol., Petrog., Invert. C. Ex. in Palæo.*

2141 Gordon, J. C., Prof. Nat. Coll. for the Deaf, Kendall Green,

Washington, D. C. Chem.

2142 Gordon, Margaret C., Mt. Carroll Sem., Mt. Carroll, Ill. Bot., Geol., Min., Zool. C.*

2143 Gordon, T. Winslow, M.D., Georgetown, Brown Co., Ohio. Chem., Mic., Meteo., Gen. Biol.

2144 Gordon, Mrs. W. L., Chelmsford, Mass. Geol., Min. C.

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2146 Gore, J. W., Prof. Phys., Univ. of N.C., Chapel Hill, N.C. Phys., Elect.

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2153 Gould, Dr. B. A., Editor: "Astronomical Journal," Cambridge, Mass. Ast.

2154 Gould, George M., M.D., 119 South Seventeenth St., Philadelphia, Pa. Psychol., Gen. Biol., Anth.*

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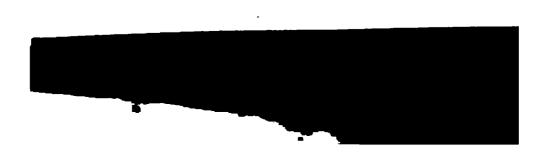
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6107 Worrall, Jno. Hunter, Ph.D., West Chester, Chester Co., Pa.

Physics, Meteo., Ast.

6108 Worthen, Chas. K., Nat., Tax. and Dealer in Birds and Mammal Skins, Geodes, etc., Warsaw, Ill. Orn., Tax. C. Ex.*

6109 Worthen, H. W., M.D., D.D., Bradford, Vt. Geol., Min., Lithol., Moll. C.*

6110 Worthington, Willis Woodford, Tax. and Collector. Shelter Island Heights, Suffolk Co., N. Y. Orn., Ool., Tax., Arch., Min. Fine cabinet specimens collected to order. Correspondence solicited. C. Ex. Rare Postage Stamps desired in exchange for Nat. Hist. Specimens.*

6111 Wortman, Miss Jennie A., Helena, Mont. Photog., Ent.,

Lepid. C. Ex.

6112 Wortman, Dr. J. L., Assist. Cur., Dept. Mammalian Palæo., Amer. Mus. Nat. Hist., Central Park, New York, N. Y.

6113 Wright, Albert A., A.M., Ph.B., Prof. Geol. and Nat. Hist.,

Oberlin Coll., Oberlin, Ohio. Geol., Zool. C.* 6114 Wright, Arthur W., Ph.D., Prof. Experimental Physics, Yale Coll., New Haven, Ct.*

6115 Wright, Berlin H., De Leon Springs, Volusia Co., Fla., Nov. to May; Penn Yan, N. Y., May to Oct. Con., Palco., Ast. C. Unionidæ of Florida, new and rare forms for ex. in large quantities. East Coast Marine Shells, also L. and F. W. Species in large quantities for exchange. Southern and W. Indian correspondence desired: lists exchanged.*

6116 Wright, Chas. J., New York Military Acad., Cornwall-on-Hudson, N. Y. Palæo., Geol., Min., Crystall., Lithol.,

Mic., Photog., Ast. C.? 6117 Wright, Edgar J., 421 First St., Brooklyn, N. Y. Desmids, Inorg. Chem., Mic., Photog.*.

6118 Wright, Rev. G. Frederick, Oberlin, Ohio. Glacialist.*

6119 Wright, Geo. M., (late Ass't Geol., U. S. Geol. Surv.), Akron, Ohio. Geol., Lithol.*

- 6120 Wright, Harry A., P. O. Box 1363, Springfield, Mass. Crystall., Elect., Photog., Meteo., Arch. C. Ex.*
- 6121 Wright, James C., Fredonia, Licking Co., Ohio. Arch., Palæo., Min., Con., Old Coins, Medals and War Mottoes. C.
- 6122 Wright, John S., Care of Eli Lilly & Co., Indianapolis, Ind. Bot., Phæn. Plants, Plant Histol. C. Ex.*
- 6123 Wright, John W., Box 166, Knoxville, Iowa. Palæo., Arch., Ool., Ent. C. Ex.*
- 6124 Wright, Capt. James W. A., Livingston, Ala. Nat. Hist., Arch., Ethnol.?
- 6125 Wright, R. Ramsay, M.A., B.Sc., F.Z.S., Prof. Biol., University of Toronto, Ont., Canada. Anat. of Vert.*
- 6126 Wright, Samuel, Conshohocken, Montgomery Co., Pa. Orn., Ool. C. Ex.*
- 6127 Wright, Samuel Hart, M D., A.M., Ph.D., Penn Yan, Yates Co., N. Y. Duplicates of plants of U. S. and Europe in all orders, offered in exchange for any plants not in the Herbarium. Grasses, and Ferns especially desired. F. W. Bivalve Shells (Unionidæ) named gratis and ex. desired. Also Plants and Shells of Fla.*
- 6128 Wright, Walter E. C., A.M., Prof. Nat. Sci., Berea Coll., Berea, Ky.?
- 6129 Wright, W. G., San Bernardino, Calif. Lepid. chiefly Diurnals. C. Ex.*
- 6130 Wulling, F. John, Ph.G., etc., Dean of the Faculty, and Prof. Theory and Practice Pharm., Pharm. Chem. and Pharmacognosy, Coll., Pharmacy of the Univ. of Minn., Minneapolis, Minn., May to Oct., Eastern address: Carlstadt, N. J. Bot: Phæn. Plants, Ferns, Diatoms, Strat. and Phys. Geol., Min., Crystall., Org. and Inorg. Chem., Phys., Mic., Photog., Gen. Biol., Geog. Dist., Morph., Veg. Histol. C. Ex.*
- 6131 Wunderlich, Adolph, 35 Willcut St., Cleveland, Ohio.
- 6132 Wurner, Wm. J., Box 320, Salem, Ore. Mammals, Orn., Ool.
- -6133 Wurzlow, Hugo, Industry, Austin Co., Texas. Bot: Phæn. and Crypt. Plants, Ferns. C. Ex.*
- 6134 Wyman, Vaughn, Perry, Ohio. Ool., Orn.*
 6135 Wyman, Wm. S., Prof. in Univ. of Ala., Univ. P. O., Ala. Am. Arch., and Eth.*
- 6136 Wynne, Samuel, Phœnixville, Chester Co., Pa. Geol., Min., Arch., Ool., Sponges, Indian Relics. C. Ex.*
- 6137 Yale, Charles, Louisiana, Mo. Palæo., Geol.*
- 6138 Yarrow, H. C., M.D., 814 17th St., N. W., Washington, D. C. Eth., Gen. Zool., Herpetol., Ichth.*
- 6139 Yates, Dr. Lorenzo G., F.L.S. etc., care of The Froebel Inst., Adams St., corner Hoover, Los Angeles, Calif. Author of "All Known Ferns," etc. Con., Geol., Min., Ethnol., Palæo., Bot: Phæn. Plants, Ferns, Algæ, Diatoms,

Hort.; Mic., Geog. Dist., Anth., Arch., Orn., Moll., Radiates.*

6140 Yawger, Howard E., Union Springs, Cayuga Co., N. Y. Geol., Min., Org. Chem., Metall., Arch., Orn., Tax. C. Ex.

6141 Yeates, William S., State Geologist, Atlanta, Ga. Crystall., Inorg. Chem., Geol.*

6142 Yendell, Paul S., Winter St., Dorchester, Mass. Ast.*

6143 Yoakum, Prof. Franklin I., M.D., Pres. Acad. Sci., Tyler, Smith Co., Tex. Gen. Nat. Hist. C. Ex.?

6144 York, Miss Effie V., 1221 Franklin St., Oakland, Calif. M. Alga, Mosses, Ferns. C. Ex.?

6145 York, Jas., Jr., Saginaw, W. S. Mich. C. Woods. Ex. 6146 York, Wm. F., Nashua, N. H. Geol., Min., Arch. C. Ex.*

6147 Youmans, William Jay, M.D., care "Pop. Sci. Monthly,"
1 Bond St., New York City, N. Y. Chem., Physiol.*

6148 Young, Rev. Albert A., Cobden, Union Co., Ill. Geol., Mic., Tax. C. Ex.*

6149 Young, A. H., Hanover Coll., Hanover, Ind. Bot., Geol. C. Ex.*

6150 Young, Abram Van Eps, Prof. of Chem. in North Western Univ., Evanston, Ill. Min., Chem., Phys.*

6151 Young, Chas. A., Ph.D., LL.D., Prof. Ast., Coll. N. J., Princeton, N. J. Physics, Elect., Photog., Ast.*

6152 Young, C. A., 181 Plane St., Newark, N. J. Lepid., Orn.

6153 Young, Douglas B., Newport, N. Y. Bot., Ent., Lepid., Coleopt. C. Ex.*

6154 Young, E. Bentley, M.Sc., 104 Appleton St., Boston, Mass. Bot., Min., Lithol., Chem., Phys. C.*

6155 Young, H. A., Revere, Mass. Bot: spec. Mosses. C.?

6156 Young, Henry H., Perris, San Diego Co., Calif. Western Coleopt., Arch., Lepid., Coleopt.

6157 Young, Leon, G., St. Albans, Vt. Min., Orn., Ool., Tax., Lepid., Coleopt. C. Stamps. Ex.*

6158 Young, Rawlings, M.D., Corinth, Alcorn County, Miss. Orn., Ool. C.?

6159 Young, Sydney, D.Sc., F.C.S., Prof. Chem., Univ. Coll., Bristol. Chem.

6160 Young, Silas C., Edenville, N. Y. Min. C. Ex. Orange Co., N. Y., and Sussex Co., N. J., Minerals for sale.*

6161 Younglone, John E., Bowling Green, Warren Co., Ky. Arch. C.*

6162 Youngs, Geo. R., C.E., Penn Yan, N. Y. Bot.

6163 Yznaga, Jose M., Washington, D. C. Mic., Photog.

6164 Zabriskie, Rev. J. L., Waverley Ave., Flatbush, L. I., N. Y. Hymenopt., Fungi. Mic., preparations of woods of N. A., and of Fungi for sale. C. Ex.*

6165 Zahn, Otta J., 427 Hope S., Los Angeles, Calif. Ool. C.*

6166 Zell, Mrs. Lydia Diller, Librarian Linnæn Society, Lancaster, Pa. Phæn. and. Crypt. Bot.*

6167 Zeller, M., State Univ., Crawfordsville, Ind. Crinoids. C.

6168 Zellweger, John, care Gundlach Optical Co., Rochester, N. Y. Mic.*

6169 Zetlitz, Arne, M.D., Toledo, Lucas Co., Ohio. Zool., Mammals, Mic., Emb., Hist. C. Ex.*

6170 Ziegler, A., M.D., 101 Middle St., Alleghany, Pa. Bot., Phæn. Plants, Min. C. Ex.?

6171 Zimmerman, Rev. Jeremiah, A.M., Syracuse, N. Y. Bib-liog., Arch., Numismatics of the Ancients.*

6172 Zimmerman, Wm., 164 Dearborn St., Chicago, Ill. Phys., Elect., Gen. Biol.*

6173 Zuber, Jere. W., Dengler's, Berks Co., Pa. Geol., Min. C.? 6174 Zuber, Wm. H., A.M., Prof. of Nat. Sciences, Greensburg Seminary, Greensburg, Westmoreland Co., Pa. Bot, Phæn. and Crypt. Plants, Ferns, Mosses, Fungi, Lichens: Algæ; Palæo., Geol., Min., Crystall., Chem., Phys., Elect., Mic., Photog., Ast. C. Ex.*

SCIENTIFIC SOCIETIES OF THE UNITED STATES AND CANADA.

CALIFORNIA.

California Academy of Sciences, San Francisco. H. W. Harkness, M.D., Pres.; T. S. Brandegee, Cor. Sec. Publishes "Proceedings and Memoirs." Has collection, Museum and Library.*

California Botanical Club, San Francisco. Prof. W. R. Dudley, Pres.; Frank H. Vaslit, Sec.*

California State Geological Society, San Francisco. Incorporated, Dec. 30, 1776. Henry G. Hanks, Pres.; S. Heydenfeldt, Jr., Sec. Annual meeting, first monday in December.?

California Zoological Club, San Francisco. Dr. J. G. Cooper, Pres.; E. A. McIllriach, Sec.*

Chamisso Botanical Club, Berkeley, Calif. Edw. L. Greene, Chairman; W. C. Blasdale, Sec'y; Victor K. Chestnut, Curator. Special study of the flora within 20 miles of San Francisco. Preparation of list. Local Herbarium.*

San Diego Society of Nat. Hist. Organized Nov. 2, 1874. Rev. B. F. McDaniel, Pres.; Dr. H. W. Gould, Cor. Sec. Library and

Collection.

San Francisco Microscopical Society, Rooms 432 Montgomery St., Address Box 2244. E. J. Wickson, Pres.; A. H. Breckenfeld, Cor. Sec. Cabinet and Library.

Santa Barbara Society of Natural History. Organized, Nov. 25, 1876. H. C. Ford, Pres.; Lorenzo G. Yates, Cor. Sec. Mus-

eum and Library. Publishes Bulletin.*

The Astronomical Society of the Pacific, 408 California St., San Francisco, Calif. Membership of 280. Pres., Dr. E. S. Holden; Secretaries, Charles Burckhalter, Chabot Obs., Oakland, and J. M. Schaeberle, Lick Obs., Mt. Hamilton. Correspondence should be addressed to either of the Secretaries.

The Southern California Science Association. Pres., M. H. Alter, M.Sc., A.M., M.D.; Sec., Mrs. Mary E. Hart, 808 S. Hill St.

Los Angeles.*



CANADA.

Botanical Sub-section of the Biological section of the Canadian Inst., Toronto, Ont., Canada. Sam'l Hollingworth, Chairman; Chas. W. Armstrong, Sec'y. Correspondence and ex.

Chas. W. Armstrong, Sec'y. Correspondence and ex. Canadian Institute, Toronto. R. Ramsay Wright, M.A., B.Sc., Pres.; Alan Macdougall, M. Inst. C.E., Sec. Library and Pub-

lishes Proceedings. C. Ex.*

Entomological Society of Ontario, London, Ont. W. H. Harrington, Ottawa, Ont., Pres.; J. A. Balkwill, London, Ont., Treas.; J. A. Moffat, London, Ont., Cur. and Lib. Publishes "The Canadian Entomologist," a monthly and an annual Report on Noxious and Beneficia: Insects (to the Legislature). Sections for the study of Geol., Bot., Mic., Orn., Ool.*

Hamilton Association, Hamilton, Ontario. Established 1857. Literary and Scientific. Museum. Library. Publishes Transactions. Exchange. A. Alexander, F.S.Sc., Pres.; W. McG.

Logan, B. A., Cor. Sec.; C. R. McCullough, Gen. Sec.*

Montreal Microscopical Society, Org., 1868. Chas. T. Williams, 785

Craig St., Hon. Sec., Meetings monthly.*

Natural History Society, Montreal. Dr. T. Wesley Mills, Pres.; A. F. Winn, Cur. Publishes "Canadian Record of Science."*

Natural History Society of Toronto, (being also the Biological Section of the Canadian Inst.,) John Maughan, Pres.; J. B. Williams, Rec. Sec.; S. Hollingsworth, Cor. Sec. Collections.*

Nova Scotian Institute of Science, Halifax. M. Murphy, C.E., D. Sc., Pres.; A. H. MacKay, B.A., B.Sc., LL.D., F.R.S.C., Cor.

Sec.*

Ottawa Field Naturalists' Club, Ottawa. Organized, March, 1879. Dr. Geo. M. Dawson, Pres.; Dr. H. M. Ami, Sec.*

Ottawa Literary and Scientific Society, Ottawa. Organized, 1869, **; W. D. Le Sueur. B.A., Pres.; F. K. Bennetts, Sec.*

The Royal Society of Canada, Pres., Dr. G. Bourinot, LL.D., Ottawa, Ont., Can.*

CONNECTICUT.

Bristol Historical and Scientific Society, Bristol, Conn. Edw. E. Newell, Pres.; Edw. L. Dunbar, Sec'y and Treas.*

Connecticut Academy of Arts and Sciences, New Haven. Incorporated, 1799, William H. Brewer, Pres.; Addison Van Name,

Cor. Sec. and Librarian. Publishes "Transactions."*
Meriden Scientific Association, Rev. John Tyler Pettee, A.M.,

Pres.; Dr. Chas. H. S. Davis, M.D., Ph.D., Sec.*

Middletown Scientific Association, Organized, March 17, 1871. Prof. W. O. Atwater, Ph.D., Pres.; Prof. M. B. Crawford, Cor. Sec.*

New Britian Scientific Association. James Shepard, Pres.; M. S.

Wiard, Sec.*

DELAWARE.

The Society of Natural History of Delaware. Collection and Meeting room, Friends School Building, 4th and West Sts., Wilmington. Wm. M. Canby, Pres.; Walter D. Bush, Vice

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ILLINOIS.

Chicago Academy of Sciences, Organized, 1857; incorporated, 1859. S. H. Peabody, LL.D., Pres.; W. K. Higley, Ph.D., Sec. Museum and Library.*

Geol. Survey of Illinois, Springfield, Ill. Dr. Josua Lindahl, State Geologist; F. W. Nicholson, Asst. Organized, 1851. Published

Reports and Bulletins.

Illinois State Fish Commission, Quincy, Ill. N. K. Fairbanks, Pres.; L. P. Bartlett, Sec. Publishes Biennial Reports.

Illinois State Horticultural Society, Warsaw, Ill. Jabez Webster, Pres.; A. C. Hammond, Sec. Organized in 1856. Publishes "Transactions."

Illinois State Laboratory of Natural History, Champaign. S. A. Forbes, Director.*

Illinois State Museum of Natural History, Springfield, Ill. Wm. F. E. Gurley, Curator; G. Walter Murray, Sec. Nat. Hist., Geol., Arch.*

Peoria Scientific Association, Museum and Lecture Room in Court House. Dr. J. T. Stewart, Pres.; Dr. O. B. Will, Cor. Sec.; Mrs. Alice A. Barnhart, Cur. and Lib.*

Princeton Acad. of Sci., Princeton. Hon. Simeon Elliott, Pres.;

Jacob Miller, Cor. Sec.

Ridgeway Ornithological Club of Chicago. Organized, Sept. 6, 1883; incorporated May, 1884, Geo. Frean Morcom, Pres.; Ruthven Deane, V. P.; H. K. Coale, Sec. and Treas.; Geo. L. Toppan, Curator and Librarian.?

Rockford Scientific Society. Organized, June 12, 1877; active

members, 40. M. S. Bebb, Pres.; J. B. Upson, Sec.*

INDIANA.

Brookville Society of Nat. Hist. Incorporated, February, 1882. R. M. King, Sec. Museum and Library. Desires to ex. many duplicate specimens, and asks donations of specimens and publications.

Indiana Academy of Science. Organized, 1885. J. C. Arthur,

Pres.; Amos. W. Butler, Sec. Office, Brookville. Ind.*

Terre Haute Science Club, Terre Haute, Ind. Meets third Thursday evening of each month.*

IOWA.

Davenport Academy of Natural Sciences, Davenport. Organized, Dec. 14, 1867. Dr. W. L. Allen, Pres.; Prof. W. H. Barris. Cor. Sec. Library and Museum. Publishes "Proceedings."*

Iowa State Ornithological Society. J. H. Harvey, Pres.; S. S.

Bonbright, Des Moines, Sec.?

Society of Natural History, Knoxville. Instituted 1892; Incorporated 1893, John W. Wright, Pres.; T. S. Hill, Treas.; F. M. Kinne, Sec. Museum and Library. Desires to Ex. many duplicate specimens and asks donations of specimens and publications.*

KANSAS.

Gray-Wood Botany Club. B. B. Smyth, Topeka, Pres.; J. W.

Stailey, Lawrence, Kan., Sec.*

Kansas Academy of Science, Headquarters, Topeka. Founded, Sept. 1, 1868. Incorporated, 1873. E. H. S. Bailey, Ph.D., Lawrence, Pres.; A. M. Collette, Emporia, Sec'y. Museum and Library. Publishes "Transactions."*

Kansas City Academy of Science, Kansas City. Founded, Dec. 2, 1875. E. Butts, Pres.; R. B. Trouslot, Sec. Cabinet and Library. Publishes "Kansas City Scientist."

Scientific Club of the Kansas State Agric. College, Manhattan.* 3 Wyandotte Society of Nat. Hist. W. H. Plank, Pres.; Kansas City, Kansas.

KENTUCKY.

Ohio Falls Geological Society, Centre and Walnut Streets, Louis ville. Wm. J. Davis, Pres.; J. T. Gaines, Sec. Will exchange Silurian and Devonian fossils for those of other periods.*

Polytechnic Society of Kentucky, Louisville. Instituted, December, 1876. Bennett H. Young, Pres.; A. V. Pollard, Librarian. James Lewis Howe, Ph.D., M.D., Chemist and Scientist. Library, Museum, Art Gallery, Laboratory, etc. Desires to exchange.*

MAINE.

Portland Society of Nat. History. Incorporated, 1850. Wm. Wood, M.D., Pres.; Prentice C. Manning, Cor. Sec. Cabinet.*

MARYLAND.

Maryland Academy of Sciences, Baltimore. Organized. 1822. Philip R. Uhler, Pres. (1888).?

MASSACHUSETTS.

American Academy of Arts and Sciences, Boston. Organized, 1780. Josiah Parsons Cooke, Pres.; Augustus Lowell, Vice-Pres.; Charles Loring Jackson, Cor. Sec.; Wm. Watson, Rec. Sec.; Elliot Channing Clarke, Treas.; Henry Williamson Haynes, Libr. Publishes "Proceedings" and "Memoirs."*

American Association for the Advancement of Science. Organized, 1840; incorporated, Mar. 19, 1874. F. W. Putnam, Salem, Mass.

Perm. Sec.*

Amesbury and Salisbury Natural History Society. Organized,

1873. H. S. Leslie, Pres.; Chas Nayson, Cor. Sec.?

Appalachian Mountain Club. Organized, 1876; incorporated, Apr. 1, 1878. Chas. E. Fay, Pres., Tufts College, Mass; F. W. Freeborn, Cor. Sec., Boston, Mass.*

Arnold Arboretum (Harvard Univ). Chas. S. Sargent, Director; Charles E. Faxon, Ass't in charge of Herbarium, Jamaica

Plain, Mass.*



Boston Society of Natural History. Incorporated, 1831. W. H. Niles, Pres.; Samuel Henshaw, Sec. Annual Meeting, first Wednesday of 'May. Library and Collection. Publishes "Proceedings," "Memoirs," and "Occasional Papers."*

Boston Scientific Society, 419 Washington St. Organized, May, 1876. Dr. Frank Perrin, Pres.; Wm. D. Spier, Rec. Sec. "Sci-

ence Observer" published by this Society.*

Brewster Ornithological Club, Worcester, Mass. Miss H. A. Ball, Orn.* Pres.

Cambridge Entomological Club. Established, Jan. 9, 1874; incorporated, March 9, 1877. W. H. Ashmead, Pres.; Roland Hayward, Sec. "Psyche," published by this Society, is issued monthly, at \$2 per annum, \$5 per vol. of 3 years.*

Cape Ann Scientific and Literary Assoc., Gloucester. Organized,

1875. Thomas Conant, Pres.*

- Essex Institute, Salem. Incorporated, 1848. Rev. E. B. Wilson, Pres.; Henry M. Brooks, Sec. Library contains 60,000 volumes. Publishes "Historical Collections" and "Bulletin." Objects, diffusion of knowledge in History, Nat. Hist., Horticulture and Arts.*
- Harvard Natural History Society. Founded 1837. Cambridge, Mass. A. W. Weysse, Pres.; F. B. White, Cor. Sec. The Society especially desires to obtain floral, faunal and mineralogical lists for New England.*

Lyceum Nat. Hist., Williams College, Williamstown. Founded,

1835. S. F. Clarke, Pres. Collection.*

Massachusetts Horticultural Society, Boston. Organized 1829. Nathaniel T. Kidder, Pres.; Robert Manning, Sec. and Lib.; Charles E. Richardson, Treas. and Supt. of building. The Library contains 6,700 books and 7,200 pamphlets on Botany, Horticulture, Agriculture, etc., and is the best Horticultural Library in the U. S.*

Middlesex Institute, Malden. Organized, 1878. L. L. Dame, Med-

ford, Pres.; F. S. Collins, Malden, Sec.*

Museum of Comparative Zoology, Cambridge. Alex. Agassiz, Director. Publishes "Bulletin" and "Memoirs."*

Nat. Hist. Society of Newton. Chartered, 1873. Charles J. Maynard, Pres.; A. R. Bailey, Sec.*

Nuttall Ornithological Club, Cambridge. Organized 1873. Wm.

Brewster, Pres.; F. B. White, Sec.*

Peabody Academy of Science, Salem. Founded, 1867, by George Peabody, of London, and contains Ethnological Coll. East India Marine Soc. (1799), Nat. Hist. Coll. Essex Inst. (1834) as permanent deposits, and large accessions made since 1867 by the trustees. Pubs. Memoirs (2 vols.) Annual reports (19 in 9 numbers). Classes and lectures in botany, zoology, mineralogy, etc. Wm. C. Endicott, Pres.; Edw. S. Morse, Dir.; John Robinson, Treas., in charge of Museum. Special collections, Ethnology in general, and Zool., Bot., Min., Geol. and Arch. of Essex County, Mass. Museum ranks among the most valuable in the country.*

Peabody Mus. of Am. Archæology and Ethnology, department of Harvard Univ., Cambridge. Founded, 1866. F. W. Putnam, Peabody Prof. of Am. Arch. and Eth., Curator.*

Ridgway Ornithological Club, H. B. Long, Sec. and Treas., 14 Anna St., Worcester, Mass. Geog. Dist., Orn., Ool., Emb., Tax.

and Osteol. as applied to Birds.*

Worcester Natural History Society. Organized, Dec., 1852; incorporated, April 16, 1853. Dr. Merrick Bemis, Pres.; Dr. S. B. Woodward, Treas.; H. D. Braman, Sec. Museum.*

MICHIGAN.

Adrian Scientific Society, Adrian. Incorporated, 1881. Chas. Raynor, Pres.; H. A. Lee, Vice-Pres.; Jacob Breedon, Treas.; Fred'k B. Stebbins, Sec.*

Detroit Scientific Association. Incorporated, March 21, 1865. E. C. Skinner, Pres.; Bryant Walker, Sec. Museum.*

Michigan Teachers Soc'y of Microscopists. C. D. McLouth, Ypsilanti, Pres.; Geo. O. Voorhies, Ypsilanti, Sec.*

The Griffith Club of Microscopy, Detroit. W. H. Brearley, Pres.; B. W. Chase, M.D., Sec.?

MINNESOTA.

Minnesota Academy of Natural Sciences, Minneapolis. Organized, Jan. 4, 1873. Prof. H. L. Osborn, Pres.; C. S. Fellows, Cor. Sec. Location, Third floor of the Minn. Pub. Library B'l'd'g. Museum open daily. Publishes "Bulletin."*

Minnesota Historical Society of St. Paul.*

St. Paul Academy of Science. E. C. Mitchell, Pres.; L. B. Wilson, Cor. Sec.; C. B. Scott, Curator.*

MISSOURI.

Academy of Science, St. Louis. Organized, 1857. Prof. H. S. Pritchett, Pres.; W. T. Porter, M.D., Cor. Sec. Publishes "Transactions" and "Proceedings." Has Room, Library and Museum in Wash. Univ. buildings.*

NEBRASKA.
Nebraska Academy of Sciences, Lincoln. Founded, Jan. 1, 1891.
Pres, J. S. Kingsley, Sc.D.; Sec., W. E. Taylor. Publishes
"Transactions."?

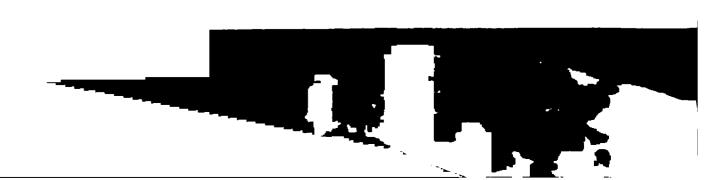
NEW HAMPSHIRE.

Exeter Natural History Society. Organized, Dec. 7, 1874; incorporated, June, 1876. Albion Burbank, Sec. Museum and Library.*

Keene Natural History Society. G. A. Wheelock, Pres.; Charles E. Burnap, Curator.*

NEW JERSEY.

Newark Entomological Society, Turn Hall, William St. Meetings on the second Sunday of each month. C. P. Machesney, Pres.; J. B. Angelman, Vice-Pres.; E. A. Bischoff, Sec.; George Stortz, Treas.; Julius Bunsow, Lib. Ent., Hymenopt., Lepid., Dipt., Coleopt., Hemipt., Orthopt., Neuropt., Arach.*



New Jersey State Microscopical Society. Instituted, April 17, 1871; incorporated, Feb. 16, 1880. Rev. Samuel Lockwood, Freehold, N. J., Pres.; Prof. Julius Nelson, New Brunswick, N. J., Sec. Meets monthly in Geological Hall, Rutgers College, New Brunswick.*

Princeton Acad. of Sci., Princeton. Incorporated, Jan. 23, 1882.

Hon. Simon Elliot, Pres.; Jacob Miller, Cor. Sec.

Princeton Science Club. Organized 1877. Pres., Prof. C. A. Young. Prof. W. F. Magie, Sec.*

Trenton Natural History Society. Austin C. Apgar, Pres.; Fred A. Lucas, Sec. Publishes Journal. Has Coll. and Library.*

NEW YORK.

Agassiz Association, Chapter 811, Nyack-on-Hudson. Organized in 1884, for the study of the various depts. of Nat. Sci. Meetings are held on the second and fourth Wed. evenings in each month, excepting July and August. G. D. Wilson, Pres.; Miss Emma Partridge, Sec.; J. C. Gregory, Cor. Sec.*

Agassiz Association, Student's Chapter, 949 Z. Organized Feb. 1886. T. G. White, Pres.; R. C. McCaffrey. Cor. Sec. Meets on first and fifth Sat. evenings of each month at 49 W. 20th St., New York. N. Y. C. in Min. Geol., Bot. Ent. and Con.*

Albany Institute. Incorporated, March 12, 1793. Leonard Kip, Pres.; Ernest J. Miller, Cor. Sec. Library, Collection.*

American Chemical Society, University Building, Washington Sq., New York City. Incorporated, Nov. 10, 1877. H. W. Wiley, Washington, D. C., Pres.; A. C. Hale, Brooklyn, N. Y. Gen. Sec. Library. F. E. Dodge, Brooklyn, N. Y., Librarian.*

American Geographical Society, 11 W. 29th St., New York City.*

American Institute of Mining Engineers. Henry M. Howe, Boston, Mass., Pres. (1893); Rossiter W. Raymond, 13 Burling Slip, New York City, Sec.*

American Microscopical Society of City of New York. T. H. Mc-Allister, Pres.; O. G. Mason, Sec., Bellevue Hospital, New

York City. Meetings at residences of members.*

American Museum of Natural History, Central Park, New York City. Incorporated, 1869. Morris K. Jesup, President. Publishes "Bulletin" and "Annual Report." Library of 28,000 volumes and Museum.*

American Postal Microscopical Club. Founded 1875. Prof. Samuel Lockwood, Freehold, N. J., Pres.; R. Halsted Ward, M.D.,

Troy, N. Y., Manager.*

"Astronomical Department, Brooklyn Institute," (Formerly Am. Ast. Soc.) re-organized, 1888, Garrett P. Serviss, Pres.; James P. Hall, Sec. Meets first Monday in each month, Brooklyn N. Y. Members 140.*

Brooklyn Entomological Society, Dept. of Entomology of Brooklyn Institute. Richard F. Pearsall, Pres.; Prof. John B. Smith, Cor. Sec. Publishes "Entomologica Americana." Address, Brooklyn, N. Y. Meetings first Tuesday of each month, Brooklyn Institute, Brooklyn, N. Y.*

- Brooklyn Institute, The, Brooklyn, N. Y. Anth., Architecture, Ast., Bot., Chem., Min., Phys., Elect., Law, Mic., Photog., Meteo., Zool., Philol., Ent., Engineering, Fine Arts., Geog., Geol., Math., Mic., Music, Painting, Philol., Photog., Physics, Political and Economic Science, Physchol., Sculpture, Zool. C.*
- Buffalo Microscopical Club. Organized, 1876. F. Park Lewis, Pres.; James W. Ward, Grosvenor Library, Cor. Sec.; Louis A. Bull, Rec. Sec. and Treas. Meetings on the second Tuesday of each month.*
- Buffalo Society of Natural Sciences. Organized, Dec. 3, 1861. Hon. David F. Day, Pres.; Dr. Wm. C. Barrett, Cor. Sec. Museum and Library.?
- Canandaigua Scientific Soc., Dr. A. L. Beahan, Vice Pres.; K. M. Hart, Sec., Canandaigua.*
- Central New York Microscopical Club, Syracuse. Incorporated May 28, 1883. A. Clifford Mercer, M.D., F.R.M.S., Pres.; Newton Hall, 2nd, Sec. Over 40 members.?
- Central Park Menagerie, New York City. John W. Smith, Director.*
- College of Archæology and Æsthetics of the City of New York. Incorporated, 1880. Hon. Amos K. Hadley, Chancellor; J. W. Henry Canoll, Vice-Chancellor and Dean. Monthly meetings for study of the Archæology of the Fine Arts. Dean's office 120 E. 105th St., New York.
- Cornell Nat. Hist. Soc., Cornell Univ., Ithaca. E. J. Durand, Sec.
- Geological Society of America, The. Prof. H. L. Fairchild, Sec., Rochester, N. Y.*
- Gray Memorial Botanical Chapter of the Agassiz Assoc. A corresponding Botanical Society organized, Dec. 1887. G. H. Hicks, Agric Coll. Mich., Pres.; E. L. Byington, M.A., Fort Collins, Colo., Sec'y. Official Organ, "The Ornithologist and Botanist."
- Jamestown Microscopical Society. Organized, 1873. S. Winsor Baker, Sec. and Treas.*
- Medical Society of New York. Pres., A. Walker Suiter, Herkimer; Vice-Pres., W. W. Crandall, Wellesley; Sec., F. C. Curtis, Albany; Treas., C. H. Porter, Albany. Annual meeting Feb. 2, 3, and 4 at Albany, N. Y.
- Microscopical Society of Canandaigua. Rev. N. M. Calhoun, Pres.; Prof. E. H. Eaton, Vice-Pres.; Dr. Chas. T. Mitchell,
- Sec. and Treas.*

 Natural Science Association of Staten Island, Organized, 1881.

 Incorporated, 1885. Active membership 40, Walter C. Kerr,

 Pres.; Arthur Hollick, Sec., New Brighton. Publishes "Proceedings."*
- New York Academy of Sciences (late Lyceum of Natural History), Columbia College, New York City. Incorporated, April 20, 1818. H. Carrington Bolton, Pres.; Capt. T. L. Casey, Cor. Sec. Annual meeting, fourth Monday in February. The publications of the Academy consist of the "Annals" and the "Transactions."*

New York Entomological Society. Meets in the American Mus. of Nat. Hist., 77th St. and 8th Ave., every first and third Wednesday of each month. Publishes a "Laureal".

Wednesday of each month. Publishes a "Journal."*

New York Microscopical Society, 64 Madison Ave., New York City. Organized, November 14, 1877. Charles S. Shultz, Pres.; Rev. J. L. Zabriskie, Cor. Sec., Waverley Ave., Flatbush, L. I., N. Y. Regular meetings on the first and third Fridays of each month, at 8 P. M.*

Rochester Academy of Science. Prof. Hermon LeRoy Fairchild,

President; Prof. Charles Wright Dodge, Cor. Sec.*

Torrey Botanical Club, New York City. Organized January, 1873.
Addison Brown, Pres.; John K. Small, Cor. Sec. Publishes
"Bulletin" and "Memoirs."*

Troy Scientific Association. Organized, 1870; incorporated, 1874. R. Halsted Ward, M.D., Pres.; Geo. H. Ennis, Cor. Sec.*

Vassar Brothers' Institute, Scientific Section, Poughkeepsie. Rev. Wm. B. Hill, Pres.; Prof. Wm. B. Dwight, Curator of Mus.; Edward Burgess, Chairman Sci. Section.*

Warner Observatory, Rochester. Lewis Swift, Ph.D., F.R.A.S.,

Director.*

West Side Nat. Hist. Soc. of New York City, The. Meets 2nd and 4th Sundays of each month. Communications should be addressed to the President, Edmund B. Southwick, Ph.D., Arsenal B'l'd'g, 64th st. and 5th Ave., Central Park, N. Y. City.*

NORTH CAROLINA.

Elisha Mitchell Scientific Society, Chapel Hill. Library. Semiannual Journal, F. P. Venable, Sec.*

OHIO.

Central Ohio Scientific Association, Urbana. Established, October, 1874. C. M. Mosgrove, Pres.; T. F. Moses, Cor. Sec.*

Cincinnati Society Natural History, 108 Broadway. Organized, Jan. 19, 1870. Library and Museum, Members 230. Publishes Quarterly Journal. T. B. Collier, Pres.; T. H. Kelley, Sec.; Seth Hayes, Dir. of Mus.*

Cuvier Club, 34 Longworth St., Cincinnati. Organized, Jan. 1, 1875. H. C. Culibertson, Pres.; J. F. Blackburn, Sec. and

Treas.*

Irisha Land-Wehr Verein, I. L. W. V. Hall, 115-117 W. 6th St., Cincinnati. Museum of War, Art and Nature.*

Licking County Pioneer Historical and Antiquarian Society, Newark, Ohio. Isaac Smucker, Pres.; E. M. P. Brister, Cor. Sec.; James H. Smith, Custodian.*

Literary and Scientific Society, Madisonville. Hon. Joseph Cox,

Pres.; Dr. Charles L. Metz, Sec.*

PENNSYLVANIA.

Academy of Natural Sciences of Philadelphia. Founded, March 12, 1812. Gen. Isaac J. Wistar, Pres.; Dr. Benj. Sharp, Cor. Sec.; Edw. J. Nolan, M.D., Rec. Sec. Publishes "Proceedings" and "Journal."*

Academy of Science and Art of Pittsburg. Founded, 1889; incorporated, 1890. John A. Brashear, Pres.; Geo. H. Clapp, Sec. Publishes "Proceedings."*

American Entomological Society, Philadelphia. Incorporated, Horace Jayne, M.D., Cor. Sec. Publishes "Transac-

tions."

American Philosophical Society, Philadelphia. Founded, May 25, 1743. Frederick Fraley, Pres.; Dan. G. Brinton, Henry Phillips, Jr., George H. Horn, Geo. F. Barker, Secretaries. Publishes, "Proceedings" and "Transactions."*

Botanical Society of Western Pennsylvania. Founded 1886; Incorporated, 1890. Prof. G. Guttenberg, Pres.; Prof. J. G. Ogden,

Sec. Herbarium.*

Chester County Acad. of Arts and Sciences. Prof. G. M. Phillips, Pres.; Samuel Marshall, Sec.*

Engineers' Society of Western Pennsylvania. W. L. Scaife, Pres.; S. M. Wickersham, Sec. Publishes "Proceedings."

Erie Natural History Society, Erie. Ottoman Jarecke, Pres.; Miss

Rosina Hoyt, Cor. Sec.

Iron City Microscopical Society. Founded, 1880. Geo. H. Clapp, Pres.; J. F. Henirici, Sec. Numbers 90 members and is one of the largest Societies of the kind in the U.S.

Lackawanna Institute of History and Science, Scranton, Pa. J. A. Price, Pres.; J. H. Fisher, Sec. C. Ex. Coal fossils to ex. for min. specimens.?

Lewisburg (Pa.) Scientific Society. Prof. W. E. Martin, Pres.; Dr. Geo. G. Groff, Sec.*

Linnæan (Scientific and Historical) Society, Lancaster. Organized, February 15, 1862; chartered, August 30, 1865. J. P. Meyer, Cor. Sec. Large Museum and Library.*

Lyceum of Natural History, Marietta. Geo. W. Mehaffey, Pres.;

I. S. Geist, Sec. Museum and Library.*

Mineralogical and Geological Sections of A.N.S.P. T. D. Rand, Dir.; A. E. Foote, M.D., Sec. Publishes "Proceedings."?

Numismatic and Antiquarian Society, Philadelphia. Founded, Jan. 1, 1858. Daniel G. Brinton, Pres.; Stewart Culin, Rec. Sec.; Benj. S. Lyman, Cor. Sec. Publishes "Proceedings."

Pittsburgh College of Pharmacy, Cor. Market and Water Sts., Pittsburgh. Bot., Min., Chem., Materia Med. C. Ex.*

Reading Society of Natural Sciences. Instituted, January 1, 1869; incorporated, Nov. 8, 1869. Henry Landis, M.D., Pres.; M. A. Rhoads, M.D., Sec. Library and collection.*

Spencer F. Baird Naturalist Association, Reading. Organized, April 1, 1882. H. H. Weitzel, Pres.; Geo. Gehert, V. Pres.; T. A. Kendall, Sec. and Treas. Arthur Brooks, Curator Museum and Library. The Association desires to exchange minerals for others for its cabinet. Please send lists.

Wagner Free Institute of Science, Philadelphia, Pa.*

Wyoming Historical and Geological Society, Wilkes-Barré. Incorporated, 1858. Calvin Parsons, Pres.; Sheldon Beynolds, A.M., and Jos. D. Coons, Secretaries. Publishes "Proceedings and Collections." C.*

Zoological Society of Philadelphia. Incorporated, 1859. Charles Pratt, Pres.; Thos. Hockley, Secretary; Wm. Hacker, Treas. RHODE ISLAND.

Newport Nat. Hist. Soc., Incorporated, 1883. Museum in Newport, R. I., illustrating local Geology, Fauna and Flora. Publishes "Proceedings." Pres., Dr. H. R. Storer; Sec., A. O'D. Taylor.*

Providence Franklin Society, 54 No. Main Street. Chartered, 1823. Scott A. Smith, Pres.; C. R. Drowne, Sec. Annual meeting

first Tuesday in January.*

Rhode Island Horticultural Society, Providence. Instituted, Sept. 6, 1845; Incorporated, Jan., 1854. John G. Massie, Pres.; Charles W. Smith, Sec. and Treas.*

TEXAS.

Texas Academy of Science, Organized Jan. 9, 1892. Headquarters, Austin, Texas. Dr. Edgar Everhart, Pres.; Dr. Alexander Macfarlane, Hon. Sec., Publishes "Transactions."*

Texas Museum, Scientific and Literary Association, San Antonio.

Dr. Isidor Lerinthal, Pres.; C. Runge, Sec.?

UTAH.

Deseret Museum, Salt Lake City, Utah. J. E. Talmage, Ph.D., F.R.M.S., Pres.*

VERMONT.

Society of Natural History, Brattleboro. Judge H. H. Wheeler,

Pres.; Dr. Wm. B. Clark, Cor. Sec.*

The Fairbanks Museum of Natural Science, St. Johnsbury. Incorporated, Nov., 1889. Franklin Fairbanks, Pres.; Martha G. Tyler, Cur.*

VIRGINIA.

Richmond Microscopical Society. Chartered, 1880. Dr. Henry Froehling, Pres.; Dr. Wm. Gascoyne, Vice-Pres.; G. A. Pepley, Sec.; Thomas Christian, Treas.?

Southern Virginia Naturalist's Club, Wytheville. Geol., Min., Mic., Bibliog., Zool., Anth., Arch., Eth., Orn., Ool., Ent. C. Ex.*

WASHINGTON.

Tacoma Academy of Science, Tacoma, Wash., Hon. Frank Allyn, Pres.; M. S. Hill, Rec. Sec.; Prof. Wm. C. Taylor, Cor. Sec.*

Washington Alpine Club, Tacoma. Gen. August V. Kautz, Pres.; Fred G. Plummer, Sec.; C. B. Talbot, Treas. Geol., Bot., Topog., History.*

BERMUDA.

Peniston, Annie M., Penistons, The Flatts. Moll. C. Ex.*

CENTRAL AMERICA.

COSTA RICA.

Alfaro, A., Mus. Nacional, San José. Arch., Hymenopt. C.*
Borges, Abelardo A., Maestro Sup. y Prof. de la Escuela Graduado de San José. Lepid., Coleopt. C. Ex.*

Carmiol, San José. Rot.

Cherrie, George K., Curator and Taxedermist, Museo Nacional, San José, Costa Rica. Mammals, Orn., Ool., Herpetol., Tax. **C.***

Pittier, Prof. Dr. H., Director of the Phys. and Geog. Inst., San José. Phys., Geog., esp. Geog. Dist. of Plants. Offers to any serious specialist, to supply him with Costa Rica collections of his preferred group, free of charge. Monographers of the Euphorbiaceæ, Scrophulauriaceæ, Acanthaceæ, Gesneraceæ, Myrtaceæ, Malvaceæ, Alsineæ, of which there are rich series at the Bot. Gardens in Brussells are especially wished for.

Tonduz, Ad., Inst. Fisico Geografico, San José. Bot. C. Ex: Underwood, C. F., Cur. Ent. Dept., Mus. Nacional, San José. Ent.

Zeledon, José C., San José, Costa Rica. Orn.

GUATEMALA.

Luna, Dr. David, Prof. Univ., Guatemala. Phys., Chem., Bot.? Peper, E., Guatemala. Ent.

Rockstron, Edwin, Guatemala. Zool.

Rodriguez, Juan J., 4 A Ave. Sur. 7, Guatemala. Zool., Gen. Biol., Emb., Anat., Anth., Arch., Eth., Ethnog., Philol., Vert., Mammals, Orn., Ool., Herpetol., Ichth., Tax, Osteol., Myol., Histol., Articulates, Ent., Hymenopt., Lepid., Invert. C.*

Sarg, Francis C., Vice-Consul German Empire, Coban.

esp. Spiders and Fresh Water Fishes.

Türckheim, Freiheer H. von. Coban, Alto Vera Paz. Bot., Lepid.

Yela, Dr. Joaquim, Prof. Univ., Guatemala. Bot., Nat. Hist.

HONDURAS.

Devenish Syl., Port of Spain. Ophidia.

King, Wm. R., Dir. Honduras Bot. Gardens, Patuca, Rep. of Honduras. C. A. via N, Orleans, D. C. Bot., Hort., Mic., Gen. Biol. Spec. Palmal Plants, Seeds and Pressed Specimens. Richmond, Charles W., Patuca, Honduras. Mam., Orn., Ool.,

Herp. C.

Thieme, Dr. Carolos, San Pedro. Bot., Ent., Con. C. Ex. in

Wittkugel, Erich, Naturalist, San Pedro Sula. Mammals, Orn., Ool., Ent., Hymenopt., Lepid., Dipt., Coleopt., Hemipt., Orthorpt., Neuropt. C. Ex.*

NICARAGUA.

Arguelle, Narciso, Ruvas. Indigo, Chocolate, Rubber, etc.

Avilez, Antonio, Potosi. Bot., Agric.

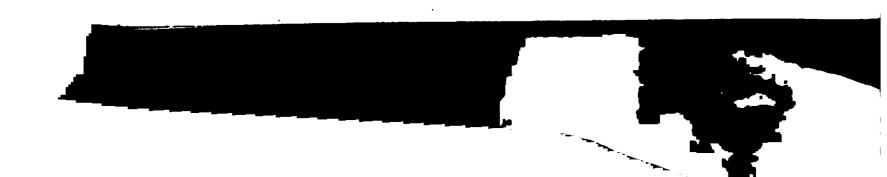
Bénard, Luis, Granada. Ex. all kinds lit.

Braida, Count Segismundo, Consul U.S.A., Grey Town. Insects, Butterflies, Snake Skins, Curios, etc.

Callejas, Juan, Chinendega. Agric., Bot.

Chamberlain, P. W., C.E., Managua. Bot., Geol., Min., Chem., Phys., Mechanics, Anth. C.*

Min., Insects. Chambers, Eduardo, Libertad, Chontales. Ores in ex.



Coffin, Marcelino, Rivas. Woods, Dyes, etc.

Davis, Frank P., Div. Eng., Nicaragua Canal Construction Co., Indian Antiq. and Photographs from Nicaragua.*

Downing, Dr. Alex. A., Granada. Anth. Ex. for any kind of Bot. or Nat. Hist. specimens new to Nicaragua.

Downing, Lieut. Orlando, Granada. Ferns, Flora.

Downing, Lieut. Col. Wm. H., Granada. Ex. books, publications, Stamps, etc.

Flint, Dr. Earl, Assoc. Victoria Inst., Rivas. Antiquarian, Arch. Gamez, Prof. Albert, Sub-Sec. of Public Works. Managua. Bot., Min., Hist., Chem.

Gasteazora, Prof. Jose Ma. M.D., Chinendega. Anat.

Gavinet, Julio, Granada. Arch. Collector of Antiquities. Fine and valuable collection.

Grant, Louis T., Elect. Engineer, Managua. Elect., Photog * Gutierrez, Emelio. Libertad, Chontales. Mines, Rubber, Butter-flies, Insects, Woods, etc.

Harris, Beverly, Blue Fields. Flora. Hort., Bananas, Insects, etc.

Henry, Wm., Granada. Gen. Science.

Homma, Prof. Frank, Leon. Chem.

Ingalls, Walter, Grey Town. Stamps, Curios, etc.

Low, H. F., Managua. Curios, Antiq., etc.

Moriche, Eugenio, Rivas. Kattlesnakes, Insects, Butterflies, etc.

Murray, David L., Managua. Min. Ex. ores, etc.

Palacio, Enrique, Corinto. Shells, Mammals.

Peter, Alberto, Managua. Hort., Bot., Agric. Ex. Samples Coffee, Rice, Beans, Seeds.

Pizzi, Carlos, San Juan Del Sur. Shells, Mammals. Raimierez, Aciselo, Managua. Stamps, Seals, etc.

Raimerg, Prof. Miguel, Univ. of Granada. Geol., Palæo.

Richardson, Thos., Matagalpa. Birds, Shells, Coffee, Precious Woods.

Salivery, Prof. Antonio, Granada. Bot., Ast., Zool., Arch. Ex. Sauza, Prof. E. de, Grey Town. Insects, Venomous Snakes, Herbacia, Etc.

Schubert, P. E., Leon. Phæn. Plants; (Coffee, Cocoa).*

Solomon, T. M., Prinza Pulka. Mining, Ores, etc.

Stubbert, J. E., Chief Surveyor Nic. Canal, Managua. Vert. Anat., Emb.

Von Poten, H., Leon. Woods, Herbs, etc.

SAN SALVADOR.

Ulex, Oscar, San Salvador. Lepid., Coleopt. C.

GREENLAND.

Taylor, Joseph Walter, Noungme.

MADEIRA.

Johnson, James Y., Corr. M.Z.S. (London), Funchal. Bot. of Madeira, Ichth., Crustacea, Radiates, Sponges.*

MEXICO.

Aguilar, Ponciano, Guanajuato. Mining Engineer.
Alcacio, Donaciano, San Diego de la Union, Guanajuato. Bot.

Alcaráz, Ramon Y., City of Mexico. Agric.

Aleman, Dr. Jesus, Moro Leon, Mexico. Zool.

Altamirano, Dr. Fernando, Instituto Medico, City of Mexico. Bot.

Altamirano, Ignatius M., "La República," City of Mexico.

Anda, Manuel de, M. and C.E., Manrique, 6, City of Mexico. Strat. Geol., Min., Metall., Meteo.

Andanegui, Juan, B., Pinos, Zacatecas. Min.

Anguiano, Angel, Dir. Nat. Obs., Tacubaya. Ast.

Arevalo, Dr. José S., Morelia. Nat. Hist.

Arriaga, José Joaquin, Mem. Mex. Nat. Hist. Soc., City of Mexico. Bot., Zool.

Ayme, Luis H., Merida, Yucatan. Arch.

Barcena, Mariano, Dir. del Observatorio Central, Prof. de Geol. and Palæo., Museo Nacional, City of Mexico. Geol. C.*

Barroeta, Prof. G., M.D., San Luis Potosi. Phys., Zool., Bot. C.

Barroso, Agustin, City of Mexico. Bot.

Beachel, L. A. Antiquarian, Santa Isabel, 61, Mexico. Min. C. Ex.

Blake, Francis H., El Oro, Estado de Mexico. Geol., Min., Crystall., Inorg. Chem., Metall., Physics.

Blanco, Luciano, Guadalajara. Mining Engineer.*

Blazquez, Prof. Ignacio, Nat. Hist. Moll., Puebla. Bot.

Bonilla, J. A. Zacatecas. Min.

Cervantez, Faustino, Calle de la Esampa, 2, Morelos.

Chazaro, M. M., Tlacotalpam. Bot.

Chico, Dr. Jesus, Guanajuato. Hygiene.

Contreras Juan N., Guanajuato. Mining Engineer.

Crespo, Gilberto, City of Mexico. Min.

Dios Fierros, Juan de, Administrador de correos, Progreso-Yucatan. Palæo., Ast., Bibliog., Gen. Biol.*

Dondé, R. Juan, Prof. Pharm., Chem. and Nat. Hist., Calle de los Rosados, No. 48, Merida, Yucatan. Bot., Zool., Ent: Coleopt., Orn., Chem. C. Ex.

Dugès, Alfredo, Prof. Nat. Hist., Colegio del Estado, Guanajuato. Zool., Bot., Vert., especially Reptiles. C.*

Dugès, Dr. Eugène, Morelia, Michoacan. Coleopt.*

Egeling, B. F. G., Ph.G., Ph.D., Memb. Verein f. Naturkunde Cassel; Bot. Verein Landshut,; Deutsche Bot. Ges. Berlin, etc.; Ciudad Porifirio Diaz, Coahuila. Bot: Phæn. Plants, Lichens, Chem., Mic., Orn. C. Ex.

Endner, Agustin, Assayer of the Mint, Oaxaca.

Fernandez, Leandro, Mexico. Ast.

Fernandez, Vincente, Prof. de Farmacia, Colegio del Estado, Guanajuato. Meteo. C. Ex. Mexican birds for those of China and Australia.

Finck, Hugo, Cordova. Arch., Bot., Geol.

Flores, Dr. Reyes G., Calle de St. Domingo 35, Guadalajara. Bot.

Fornel, Ing. Manuel, Museo Nacional, Mexico. Min.

Garcia, Dr. Creoensio, Cotija Michoacan. Nat. Hist., Geol. C. Ex.



Gleunie, Francisco, Guanajuato. Mining Engineer.

Gonzala, J. Eleuterio, Monterey. Bot.

Gonzalez, Jesus, City of Mexico. Bot.

Guevara, Ignacio, Guadalajara. Math.

Gutierrez, José M., Ameca, Jalisco. Bot.

Heinemann, Dr. C., Vera Cruz. Physiol.

Herrera, Prof. Alfonso L., Museo Nacional 3 a. Calle del Cipres No. 7, City of Mexico. Gen. Zool.*

Huacuja, Francisco F., Botica de San Francisco, Morelia. Pharmacy, Chem.

Ibanez, Joaquin, Mem. Nat. Hist. Soc., Puebla. Bot.

Iparraguirre, Francisco Fernandez, Pharmacien, Guadalajara. Bot. C.

Johnson, Wm. D., Jr., Colonia Diaz, Chihuahua. Ent. C. Ex.*

Kerr, Prof. J. H., City of Mexico. Chem., Geol.

Landero, C. F. de, Ingénieur Geographe et des Mines. Inspecteur des Mines. Prof. de Chimie à l'Ecole des Ingénieurs. P. O. Box 34, Guadalajara. Min., Chem., Ast. C. Ex.

Lazo de la Vega, J. M., City of Mexico. Bot.

Leon, Miguel Velazquez de, M. E., Hacienda de Pabellon, Aguas Calientes. Mining, Agric. Can procure silver, copper and lead ore samples under an industrial point of view.

Léon Dr. N., Guadalupe Hidalgo D. F., I del Progreso No. I.

Bot.*

Leon, Dr. Nicholás, Calla Sta. Catarina, Morelia, Mexico. Antiq., $oldsymbol{Anc.}$ $oldsymbol{Books.}$

Lilliendahl, A. W., Mining Eng., Guanajuato, Mex. Min. C. Ex. Lobato, Flavio, Guanajuato. Min.

Lopez, Dr. Francisco, Calle 63, Morelos. Meteo.

Mariano Leal, Leon E. de, Guanajuato. Chem., Meteo. Has meteorol. data for three years.

Medal, Melesio, M.D., Facambaro, Michoacan. Nat. Sci. C. Ex.*

Médico, Paramo. City of Mexico. Meleo.

"Botica de la Purisi-Melesio, Dr. Medal, Facombaro, Michoecan. ma." Path., Bot., Hygiene.

Mendivil, Cirilo Gomez, Lagos. Agric.

Monroy y Salazar, Pedro L., San Luis Potosi. Min.

Moreno, Aniceto, Orizaba. Bot.

Munoz, Rudolfo, Real del Monte. Mining Engineer. Muro, Luis, Colegio del Estado, Guanajuato. Min.

Navia, Severo, Prof. School of Mines, Guanajuato. Min.

Niven, Wm. Cuautla-Morelos. Min., Photog., Arch. C.

Ochoa, Juan, City of Mexico. Min. Oliva, Sabino, Guadalajara. Bot.

Orozco, Pablo, Guanajuato. Mining Engineer.

Paparelli, Louis, Tech. Dir. of the Vineyards. Winery and Distillery at the Hacienda del Rosario, Parras, Estado de Coahuila. Hort., Agric. and Indust. Chem., Mic.

Parres, Joaquin, M. and C.E., Guanajuato. Geol., Min., Crystall.,

Metall., Palæo. C. Ex. mins. and rocks. Pascal, Agustiss v., Guadalajara. Ast., Geol.

Penafiel, Antonio, Dr., Dir. Gen de Statistique de Mexique.

Philologue Mexican et Antiguaire.

Perez, Lalara, Prof. in the Inst. of Sci., Calle de Santa Teresa, 18, Guadalajara. Chem., Pharm.

Perez y Arce, Nanuel, Calle de Santa Moniica, 4, Guadalajara.

Pharm., Chem.

Prieto, Raoul, P. O. Box 34, Guadalajara. Chem., Min., Elect., Ast., Meteo. C. Ex.

Puente, Feliciano G., Boticario, Morelos. Pharm.

Puga, Nicolais, Guadalajara. Chem. Quijano, Ficaro, Mazatlan. Bot.

Ramirez, Dr. José, Prof. de Zool. en el Museo Nacional y en el Inst. Médico Nacional, City of Mexico. Zool., Bot.

Ramirez, Dr. Roman, Prof. de Zool. en la Escuela de Agric, City of Mexico. Zool.

Ramirez, Santiago, Calle de Buenavista, 15, City of Mexico. Mining Engineer.

Ramos, José, City of Mexico. Bot.

Reyes, Manuel O., City of Mexico. Bot.

Reynoso, Francisco, M.E., Prof. de Fisica en el Colegio del Estado. Geol., Min., Crystall., Lithol., Metall., Physics. C. Ex.

Rocha, Ignació G., Calle de Sopena, Guanajuato. Mining Engineer.

Romero, Carlos, Prof. de Géol et de Paléo. au Collége, Guanajuato. Rovirosa, José M., Ing. topog., Prof. Hist. Nat. en el Inst. Juarez de esta ciudad, San Juan Bautista, Fabàsco. Bot: Phæn. Plants, Ferns, Philol., Geog. Dist. of Plants. C. Ex.*

Salgado, Dr. Francisco, Colegio del Estado, Guanajuato. Pathol. Sanchez, Jesus, Cuadranto de Sta. Catarina, 15, City of Mexico-Zool.

Sauri, Ricardo, M.D., Merida, Yucatan. Ent.

Schiaffino, Mariano L., M.E., Electrician, Guadalajara. Phys., Elect.*

Schlemm, W. H., Mech. Eng. and Metall., San Miguel del Mezquital, Zacatecas. *Phys. Geol.*, Metall. C. Ex. Min., and Lithol. Segura, José, City of Mexico. Bot.

Sepúlveda y Lucio, Fernando, Licenciado en Farmacia, Plaze, 6, Farmacia, Villa de Brihnega, Guadalajara. Bot. C. Ex. Silva, J., Zacatecas. Geol.

Socket, Sherman G., Corralitos. Metall.

Tena, Dr. Miguel, Botica de Guadalupe, Catarinas, 16, Morelia-Patologia, Cirugia, Obstetricia, Botanica. Bot. C. Ex. Tonel, Jean, Cardova. Bot.

Urbina, Manuel, City of Mexico. Bot.

Velazco, Sr. José M., Museo Nacional, City of Mexico. Zool.

Valle, Felipe, Tacubaya, D. F. Ast.

Villada, Dr. Manuel, Nat. Museum, City of Mexico. Bot., Zool.

Wadgymar, L. A., City of Mexico. Zool., Orn., Bot. C.

Weidner, Dr. Frederick, Mazatlan. Geol.

Wilson, H. G., Ensenada, Lower Calif., Mexico. Orn., Ool. C. Ex.*

Winton, Rev. Geo. Beverly, San Luis Potosi, Mexico.* Yarate, Francisco P., Zacctecas, Mining.

ILL MIQUELON.

Delamare, Dr. E., Ill Miquelon. Bot: Esp. Lichens, Sphag.

NEWFOUNDLAND.

Fowler, Great Placentian. Mining.

Howley, James P., F.G.S., Dir. Geol. Sur. of Newfoundland. St. John's.

McKendrick, Neil, Great Placentia. Mining.

Somerville, Beverly R., M.D., Western Bay. Medicine, Arch., Gen. Antiq., Eth. Correspondence solicited from those desiring rare or current Postage Stamps.

Latimer, A. W., Lumpkin, Stewart Co., Ga. Mic., Lepid., Ool., Bot. C. Ex.?

Archer, Alleyne S., St. Johns. Bot., Hort. C. Tropical Plants. for sale or Ex.*

ANTIGUA.

Barber, Charles A., M. A., F.L.S., Supt. Agric., Leeward Islands.* Tillson, Arthur G., Cur. Bot. Station, Antigua. Hort., Bot.

Watts, F., F.I.C., F.C.S., Island Chemist, Antigua. Geol., Chem., Mic., Meteo.

BAHAMA ISLANDS.

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Cabrera y Martinez, José Santa Maria del Rosario. Lepid.

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CURACOA.

Wills, J. Lainson, care Messrs. Evertez, Curacoa. Min.

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Rodriguez, Juan José, Guatemala. Bot., Gen. Zool., Biol.

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Messerwy, W. J., Dir. Public Works. Gen. Sci. Smith, H. W., Cur. Bot. Station, Grenada. Bot.

Wells, John Grant, St. George. Orn., Ool.

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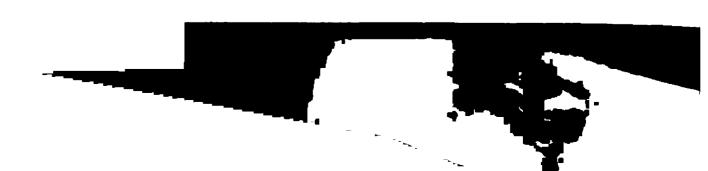
Colardeau, Dr. St. Felix, Basseterre. Bot.

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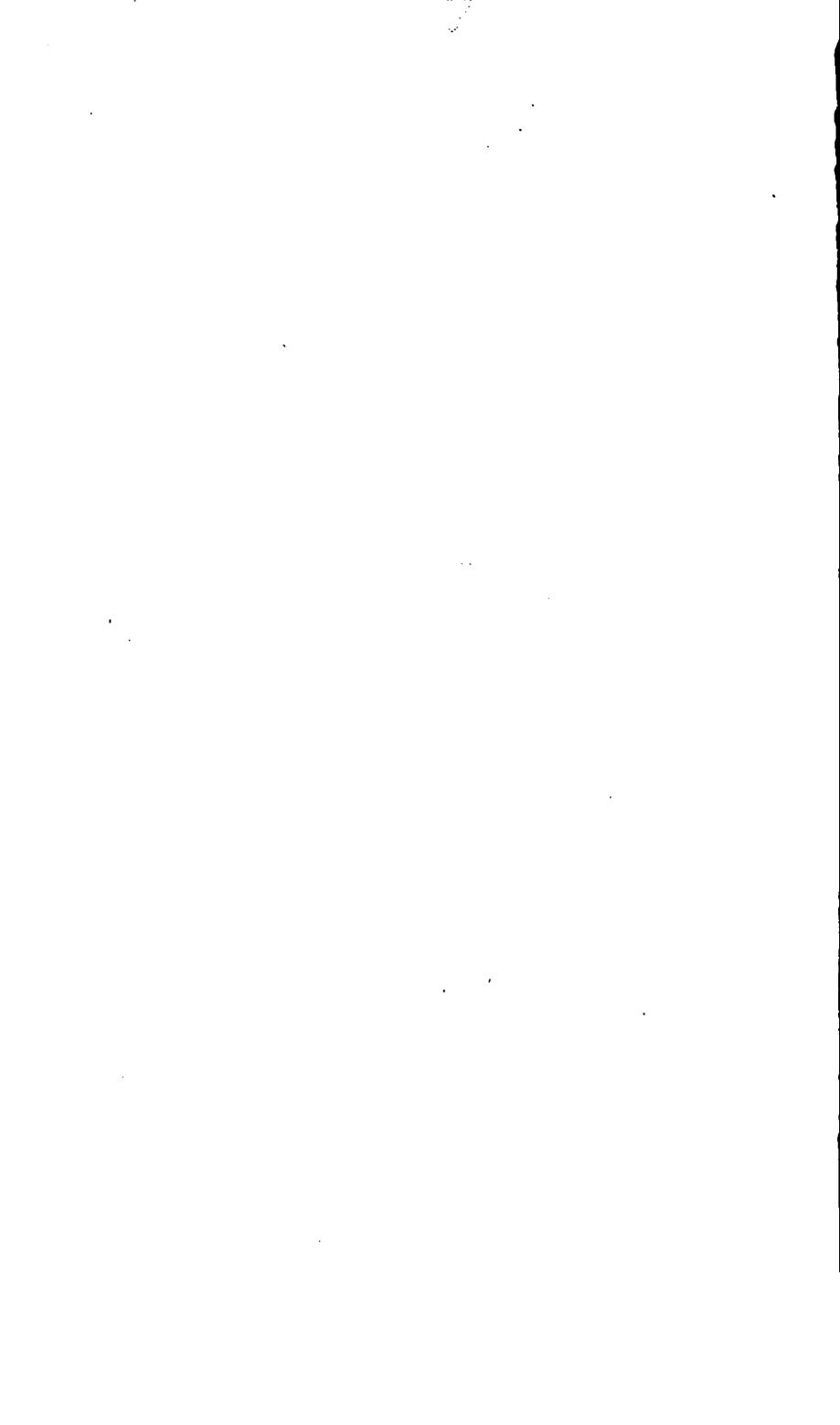
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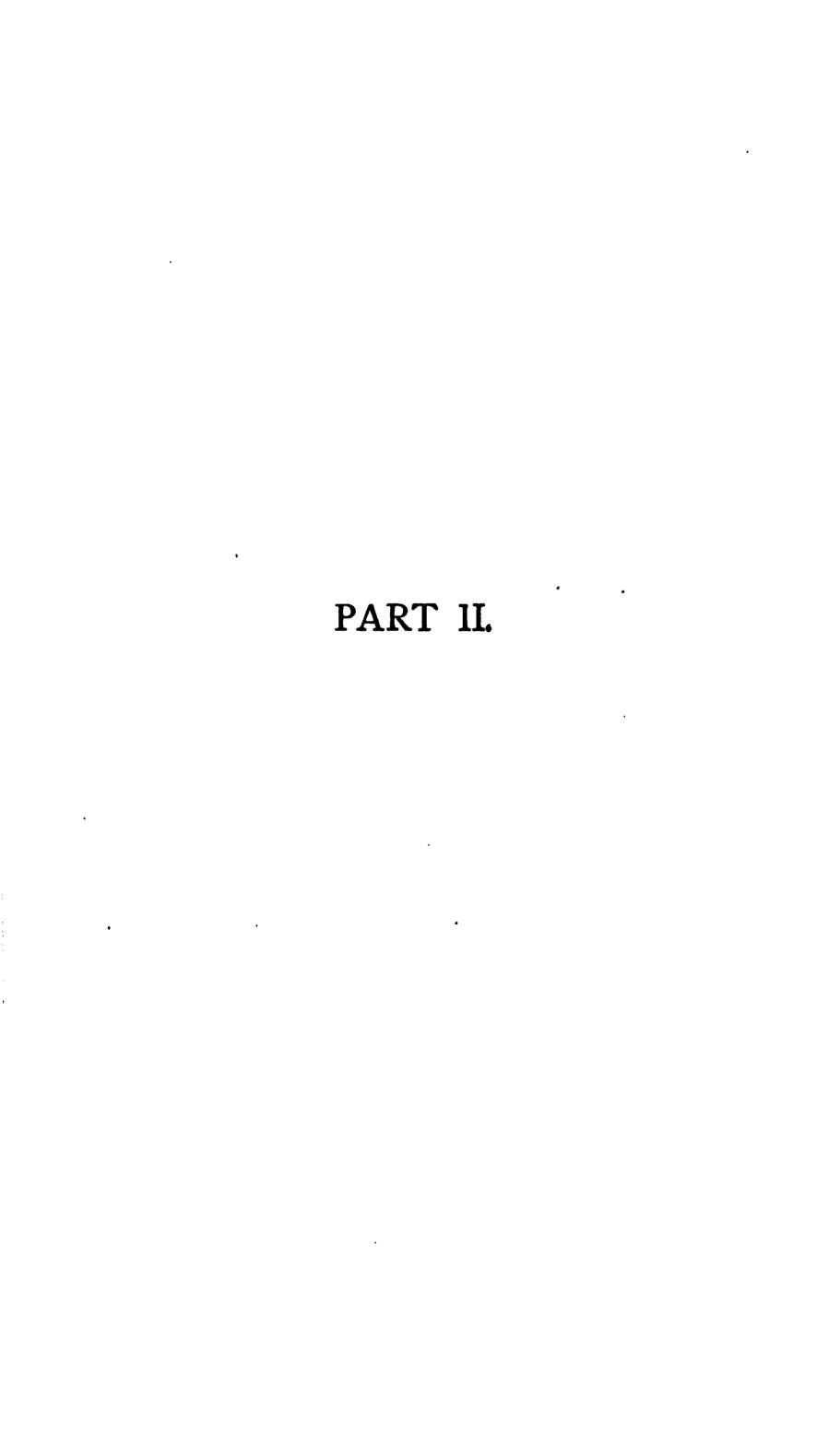
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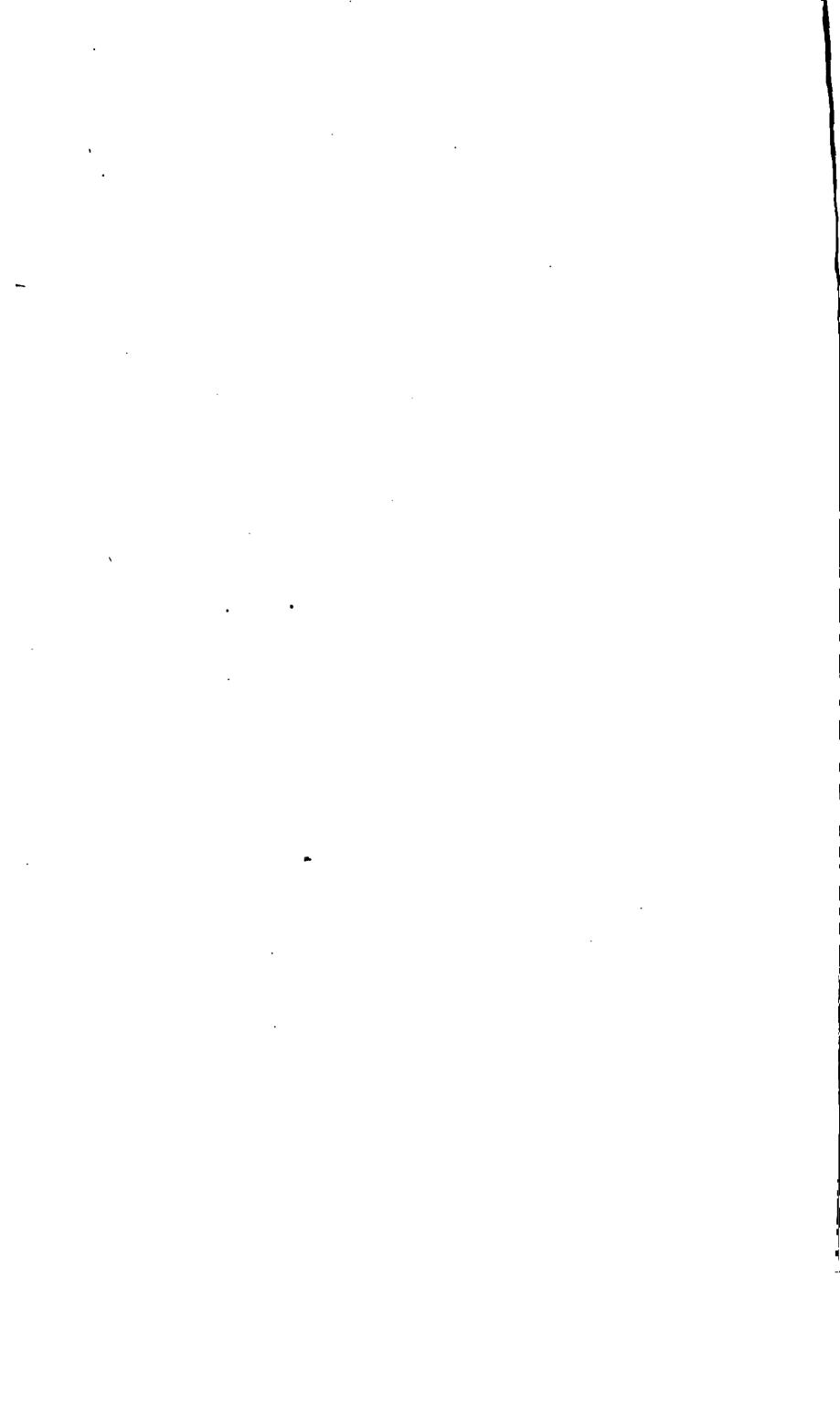
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Brauer, Prof. Dr. Friedrich Moritz, Custos am k. k. Naturhist. Hofmuseum, Prof. Zool. Univ.; wirkl. M. I. kais. Akad. d. Wissensch., Mayerhofg. 6, Wien, IV. Ent., Dipt., Neuropt., Biol., Crustacea, Phyllopoda. C.*

Braun, H., Vienna, Simmering Haupstr. 9. Phan. Plants. Breidler, J., Hubergasse 12, Ottakring bei Wien. Bot, Bryol.

Bresadola, Rev. Giacomo, Trento, Tirolo, Piazza dietro il Duomo 12. Bot., Fungi. C. Mycol. Ex.

Brezina, Dr. Aristides, Director k. k. Naturhist. Hofmus.; Wien. Min., Lithol., Crystal., Meteorites. Ex. and buys minerals and meteorites for the Museum.*

Brücke, Prof. Dr. Ernst von, Vorstand. Physiol. Inst., Wien.

Brusina, Spiridion, Prof. a. d. Univ., Dir. des Zool. Nat. Mus., Zagreb, Croatia. Mammals, Orn., Ool., Herpetol., Ichth., Moll.

Bürgerstein, Alfred, Ph.D., Prof., Wien, II., Taborstr. 75. Anat. and Physiol. of Plants.*

Calderoni & Co., Budapest. Zool., Human Skeletons and Skulls.

Camerlander, Dr. C., Freiherr von, Adjunct k. k. geol. Reichsanstalt, Wien. Petrog.

Cathrein, Dr. A., Prof. Univ., Innsbruck. Min., Petrog.

Cermák, Kliment, Custos Mus., k. k. Conservator, Czaslau (Bohemia). Strat. Geol., Anth., Arch.*

Chiari, Prof., Vorst. Pathol.-Anat. Inst., Deutsche Univ., Prague. Chyzer, Dr. Cornelius, S. A. Ujhely. Arach., Coleopt. C.

Claus, Carl, Prof., k. k. Univ., Wien., I., Franzensring. Zool., Comp. Anat.*

Cobelli Prof. Giovanni de, Dir. Mus. Civ. di Roveredo. Phan. Plants, Strat. Geol., Arch.

Cobelli, Ruggero de, Medico Civico, Roveredo. Phæn. Plants, Fungi, Hymenopt., Orthopt. C.*

Cori, Carl I., Dr. phil. ct med., Docent u. Assist. d. Zool., Zool. Inst. d. deutschen Univ., Prag II., 1594. Zool., Gen. Biol., Morphol., Emb., Anat., Mollusks.*

Csató, Johann von, Nagy-Enyed, Transylvania. Bot., Orn., Tax. C.* Czakó, Coloman, Akad. Veterinar., Budapest. Florist.

Czynk, Edward von, Fogaras (Transylvania). Orn., Zool., Tax. Ex. Dadai, Eugen, Adj. am Nat. Mus., Budapest. Entomostraca. C.

Dahlström, Julius, Eperiss. Lepid. C. Ex. Dalla Rosa, A., Prof. k. k. Univ., Wien. Anat.

Dalla, Torre, Karl W. von, Prof., Innsbruck, Tirol. Bot., Ent., Gen. Biol., Bibliog., Zool. C.

Damin, Prof. Narcis, Buccari, Croatia. Arach.

Degen, Dr. Arpad von, Budapest, Kerepeschof. Bot., Flora of the Balkan. C. Ex.*

Deininger, Prof. Emerich von, Dir. der Kön. landn. Lehranstalt, Reszthely. Cultivation of Plants.

Demeter, Dr., Maros-Vásárhely, Transylvania. Bot. De Sardagna, Michele, Trento, Tirol. Phæn. and Crypt. Plants.

Dewoletzky, Dr. Rudolf, Gymnasialgasse 4, Czernowitz. Zool., Gen. Biol., Morphol., Invert. Anat.*

Diener, Dr. Carl, Univ., Vienna.

Dietz, Magacsy, Budapest. Bot. Doelter, Cornelio, Dr. Prof. a. d. Univ. Graz. Phys., Geol., Min., Lithol. Doleshall, Heinrich, Brünn, Bürgergasse 23. Ent: Lepid., Coleopt. C.

Dölter-y-Cisterich, Dr. Cornelio, Prof. Univ., Graz. Min., Petrog. Donath, Dr. Julius, Gössergasse 3, Budapest. Chem., Physiol.

Dörfler, Ignatz, Wien, Burgring 7. Bot.

Doubrawa, Wilh. Johan, Entomolog. u. Musik direktor, Zizkov pr. Prag, Bohemia. Bot.: Phan. and Crypt. Plants, Ferns, Alga, Min., Crystall., Ent., Hymenopt., Lepid., Dipt., Coleopt., Hemipt., Orthopt., Neuropt. C. Ex.

Drasch, Dr. Otto, Glacistrasse 57, Stiria. Vert., Histol. Drasch, Prof., Vorst. Inst. für Histol. u. Emb., Univ., Graz.

Dumbrava, Uazul, Prof. Belényes. Bot. Dunikowski, Dr. Emil, Prof. Univ., Lemberg, Galicia. Geol.* Dybowski, Dr. Ben., Prof. Univ., Lemberg, Galicia. Zool.

Dzieduszycki, Count Wladim, Mus. Dzieduszycki, Lemberg, Galicia.

Ebner v. Rofenstein, Prof., Vorst. Histol. Inst., Wien.

Edenberg, Prof. Dr. Carl Langer von, Vorstand Anat. Inst., Wien. Eger, Dr. L., I. Maximilianstr. 11, Wien. Palæo., Geol., Min., Meteo., Zool., Emb., Anat., Anth., Vert., Mam., Orn., Osteol., Ent. C.

Einsle, Anton, Riemerstr., Wien. Bibliog., Ent., Micro-Photog.

Emich, Gustav v., IV. Sehastian Place, 8, Budapest. Bibliog., Applied and Agric. Ent.

Entz, Dr. Géza, Prof. der Zool. am Polytechnicum, Budapest. Protozoa,

Eppinger, Prof., Vorst. Pathol., Auat. Inst., Graz.

Ettingshausen, Prof. A. v., Dr., Techn. Hochschule, Graz. Phys.*

Ettingshausen, Baron Constantin von, Prof. der Bot., Univ., Laimburggasse 8, Graz. Fossil Plants, Tertiary Flora. C.

Exner, Dr. Franz, Prof. Univ., Wien, IX., Währingerstr. 29. Phys. Exner, Dr. Kal, Prof. Gymn., Wien, Wasagasse, 10. Math., Phys.

Exner, Sigmund, Prof. der Physiol. a. d. Univ., Wien, IX., Servitergasse 19. Physiol.

Eysn, Marie, Salzburg. Phan. Bot.* Fábry, János, Prof., Remaszombat. Bot.

Fehlner, C., III. Schützengasse 2, Wien. Bryology.

Felder, Dr. C., lid. der Kais. L. C. Acad. der Naturwissenschaften en Burgemeister von Weenen, Operngasse 8, Wien.

Feldkirchen, Prof., Kärnthen. C. Coleopt.

Fekete, Jos., Inspektor d. Bot. Gartens, Budapest.

Fényi, Rev. Julius, S. J., Observatorium, Kalocsa. Ast.*

Filarszky, Ferdinand, Assist. am bot. Inst. d. kgl. ung. Univ., Budapest. Bot., Alga.*

Flatt, Carl von, Elesd, Comitat Bihar. Bot., Gramin., Bibliog. and Hist. of Bot.*

Fleischl v. Marxow, E., Prof., k. k. Univ., Wien. Physiol.

Formánek, Dr. Edw., k. k. Brünn, Anastasius-Srungasse 4. Phæn. Bot. Forstinger, Rud., Vedrod. Bot.

Foullon, Baron Heinrich v., Wien. Chem., Lithol. C. Ex.*

Fournes, Herm., Kaufmann, Klagbaumg. 3, Wien, IV. Ool. Ex.

Freh, Prof. Alfons, Güns. Bot.

Freyn, J., Beh. aut. Civil-Ingenieur, fürstl. Baurath, Prague, Smichov, Bohemia. Bot.: Phanerogams. C. Ex. Ranunculus not European for European specimens.*

Fric, V., Wladislawsgasse 21a, Prague, Bohemia. Min., Geol., Palæo., Zool. C. Ex.

Fritsch, Prof. A., Univ., Prague, Bohemia. Zool., Palæo.

Fritsch, Dr. Carl, Privat docent der Bot. an der k. k. Univ., Lederergasse 23, Wien, VIII. Bot.: Phæn. Plants. C. Ex.*

Fruwirth, Carl, diplom. Landwirth, Protessor an der landwirthschafte-Lehranstalt in Mödling bei Wien. Docent an der k. k. Hochschule für Bod nkultur in Wien. Spezieller Pflanzenbau (Hopfen).*

Fuchs, Dr. H., Privatdocent für Paläo., Wien.

Fuchs, Dr. Sigm., Assist. am Physiol. Inst.. Wien, IX., Schwarzspanienstr. 17. Physiol.

Fuchs, Theodor, Dir. du geol. Abtheilung am k. k. Naturhistor. Hof-museum, Wien. Palæo., Geol. (Tertiary).

Fugger, Eberhard, k. k. Prof., Custos des k. k. Botan. Gartens in Salzburg. Bot., Geol., Min., Chem.

Fukal, Hugo, Wien, VIII., Lerchengasse, 34. Bot.: Crypt. Plants, Fungi, Lichens, Alga. Mycol.*

Gaertner, Dr. Gustav, k. k. Univ. Prof., Wien, I., Schulerstr. I. Elect., Mic., Physiol., Histol.

Gammel, Alois, Budapest IX., Lonyaigasse 18. Orn., Ent., Hymenopt., Lepid., Dipt., Coleopt., Hemipt., Orthopt., Neuropt. C. Ex.

Gander, Hieronymus, Pfarrer zu Innervillgraten, Post Lillian, Tirol. Bryol.

Ganglbauer, Ludwig, Custos am k. k. Naturhistorischen Hofmuseum, Wien. Coleopt., Orthopt.

K. K. Gartenbau-Gesellschaft in Steiermark (Mitteilungen). Mitteilungen aus dem Botan. Institut, Gratz.

Gelmi, Enrico, Trento, Tirolo. Phæn. Plants, Ferns. C.

Genersich, Frof. A., Univ., Klausenburg. Vert. Emb. and Anat., Osteol., Myol., Histol. of Vert. C.

Georgescu, Ilie, Hülfsarbeiter am botan. Institut, Bukarest.

Gerstendörfer, Dr., Krumau, Bohemia. Min.

Gileemot, V., Budapest.

Glaab, Ludwig, Bot. Gärtner am k. k. Bot. Garten, Salzburg.*

Glowacki, Julius, Prof de Gymnase. Lcoben, Styrie. Bot: Ferns, Mosses, Fungi, Lichens, Algæ., Veg. Palæo. C.

Godlewski, Emil, Prof. de l'Univ., Cracovie, Rue de Straszewski.*

Goldschmidt, Frid. Wilh., Wien, III. 3, Metternichgasse 2. Ast., Photog., Mic., Dipt. C. Ex.

Goldschmiedt, G., Prof. k. k. Univ., Wien. Chem.

Gothard, Alex. von, F.R.A.S., Herény, bei Steinamanger. Phys., Meteo., Ast.*

Gothard, Eugen von, F.R.A.S., Astrophys. Observatorium, Hereny, bei Steinamanger. Phys., Ast., Astrophotog. C.*

Graber-Vitus, Prof., Czernowitz. Physiol., Insects.

Graeffe, Edward, Inspector, Triest, S. Andrea 2, k. k. Zool. Station. Hymrnopt., Mollusks, Crustacea, Worms, Radiates, Sponges, Protozoa. C. Apidæ, Formicidæ, Cynipoda.

Graff, Ludwig von, Prof. Zool. Univ., Heinrichstr. 48, Graz. Bibliog., Worms. C. Library. Ex.*

Grebe, Heinrich, Landesgeologe, Trier.

Gredler, P. Vincenz, Botzen, Tirol. Moll.

Gressel, Dr. Agostino, Trento, Via Larga 4. Coleopt. C. Ex.

Grobben, Carl, Prof. der Zool. a. d. Univ., Wien, I., Franzensring. Zool.*

Gurlitt, W., Prof. Univ., Graz. Arch.

Gutwinski, Rom., Prof. Gymnasium, Tarnopol, Galicia. Bot.

Gwolff, Dr. Gyula, Torda. Bot.

Heas, B., Dr. Phil., Adjunkt der k. k. Versuchs Station, Klosterneuburg bei Wien. Chem., Bacteriol.

Haberlandt, Dr. G., o. Prof. d. Bot. an d. Univ., Vorstand d. bot. Instituts, Dir. d. bot. Gartens, Graz, Klosterwiesgasse 41.

Haberlandt, Dr. Michael, Adjunct, k. k. naturhist. Hofmuseum, Wien-Eth., Anth.

Habich, Otto, Wien, XVII., Stiftgasse 64. Lepid. C. Ex.

Hackel, Prof. E., St. Polten. Graminea.

Halacsy, Dr. E. de, Wien, VII., Schraukgassestr. 1. Bot.

Halasz, Prof. Arpad, Mako. Bot.

Halbherr, Bernardino, Rovereto (Trentino). Coleopt. C. Ex.

Haller-Graf-Bela, V., Retesdorf, Siebenbureng bei Schässburg. Moll.

Hanausck, Thomas, Franz, Dr. Phil., k. k. Prof. der Naturgeschichte. Mitglied der k. k. Prüfungscommission für Handelsschulen, Wien, VII., Bezirk Breitegasse 5. Pflanzen-Anat., Nahrungs und Genussmittelkunde, Tech. Mic., Warenkunde.*

Handl, Dr. Alois, Prof Univ., Czernowitz. Physics.*

Handlirsch, Anton. Asst. am naturhistor. Hofmuseum, Rubengasse, 5, Wien, IV. Hymenopt., Hemipt. C.*

Hann, Julius, Prof. an der Univ., Wien, XIX., Hohe Warte, 38. Meteo.

Hantken, Prof. Max von, Univ., Budapest. Hatschek, Berthold, Dr. Phil., Prof. Univ., Prague. Zool., Gen. Biol., Morphol., Emb., Anat.

Hauer, Dr. Franz Ritter v., k. k. Hofrath und Intendant des k. k. naturh. Hofmus., Wien, I., Burgring 7. Palao., Gool.

Haury, C., Smichow 418, near Prague (Bohemia). Coleopt.: Procerus, Procrustes, Carabus. Calosoma, Cychrus.

Hazslinszky, Prof. Frigyes, Heperjes. Bot.

Hebra, Dr. Hans Ritter von, Docent an d. Univ., Vorstand der Abtheilung für Hautkrankheiten a. d. allgem. Poliklinik, I. Kärnthnerstrasse, 14, Wien.*

Heger, Franz, Custos und Leiter der Anthr.-Eth. Abtheilung am k. k. Naturhistorischen Hofmu-eum u. Sekretär der Anthropologischen Gesellschaft, Wien. Eth., Arch., Anth.

Heider, Dr. A. R. v., Docent für Zool., Graz, Maiffredygasse, 4. Zool., Radiates.*

Heimerl, Anton, Dr. Phil., Penzing, Wien, Parkgasse, 30 A. Phan. Bot.,

Heinricher, E., Prof., Univ., Dir. des bot. Gartens, Innsbruck. Bot.* Heinz, Dr. A., Prof. d. Bot. a. d. Univ., Dir. d. bot. Gartens, Agram.

Heller, C., Prof., Univ., Innsbruck. Vergl. Anat., Zool., Morphol., Echinoderms.

Hellich, Johann, Podebrad, Bohemia. Phan. Bot., Palao., Geol., Ent., Dipt., Coleopt. C. Ex. Helmhacker, Rudolf, Nusle 187, Prague. Min., Geol.

Hempel, E. G., ord. Prof. and Hochschule für Bodencultur, Chef redacteur der Oesterr. Forstzeitung, Wien. Forestry.

Hensch, Dr. Andreas, Essez, Slavonia. Hemipt. C.*

Henschel, Prof. Gustav A. O., Wien, VIII., Florianigasse 16-18. Ichthyol., Ent., Phytoapthol.*

Hering, Ewald, Prof. der Physiol. Deutsches Physiol. Inst., Prague. Phys.. Mic., Gen. Biol., Histol.*
Herlinger, Franz, Oberplan (Bohemia). Coleopt., Lepid.

Hilber, Vincenz. Prof. a. d. Univ., Graz. Geol.

Hochstetter, Ferdinand, M.D., a. o. Univ. Prof., Wien, IX., Währingerstr. 13. Emb., Anat.*

Hoefer, Hans, Prof. an der k. k. Bergakademie, Leoben. Geol., Min., Crystall., Lithol. C. Ex.*

Hoernes, Dr. Moriz, Assis't naturhist. Hofmuseum, Wien. Anth.

Hoernes, Rudolf, Dr. Phil., Prot. a. d. Univ., Graz, Sparbersbachgasse 29. Vert. and Invert. Palæo., Geol., Anth. C. Ex.

Hofmeister, Emil, Smichov 293, Prague. Lepid.

Hofmokl, Dr. Johann, k. k., a. ö. Univ., Prof. und Primararzt, Wien, I. Zyottenring, 4. Chirurgy.

Höfner, Gabriel, Wolfsberg, Kärnten. Phan. Plants, Lepid. G. Ex.* Höhnel, Dr. Franz Ritter von, a. o. Prof. d. Bot. u. d. indust. Mikroskopie, IV. Technikstrasse 13, Wien.

Holetschek, Dr. Johann, Adjunct der k. k. Sternwarte, Wien, Währing. Ast. *

Holl, Moriz, Med. Univ. Dr., k. k. Universitäts-professor, Graz, Harrachgasse 21. Anat. C.*

Holzinger, Dr. J. B., Hof- und Gerichts- Advocate, Graz. Bot., Lichens, Bibliog.: Literature of the Middle Ages.

Horvath, Dr. Géza, Budapest, Dir. Ent. Station of State. Hemipt. C. Hübl, Arthur v., Militair geographisches Institut, Wien, VIII. Chem., Photog.

Hueppe, Ferdinand, Prof. der Hygiene, Prague. Fungi., Mic., Gen.

Huss, Johann, Felka. Colsopt.

Huter, Rev. Rupert, Sterzing, Tirol. Phæn. and Crypt. Plants.

Ilosvay de Nagy-Iloseva, Lajos, Prof., Dr. Polytechnicum, Budapest.

Istvanffy, Dr., Custos National-Museum, Budapest.

Jablonowski, Joseph, Asst. Ent. Station, Budapest. Ent., Dipt., Thysanopt. C. Thysanopt. Ex.*

Jaderny, Franz, Entomologe, Langenzersdorf bei Wien.*

Janosik, Dr. Johann, Prof., Univ., Prague. Morphol., Emb., Anat., Histol.*

Jarostaw, Tomniki, Krakau. Zool., Coleopt. C. Ex.

Jentys, Stefan, Dr. phil., Prof. der höheren landwirth. Lehranstalt, Dublany bei Lemberg (Galizien). Physicl., Bot., Agric. Chem. Jickeli, Carl. F., Dr., Hermannstadt. Hydroid., Echinod., Protox.

Jordan, Paul, Dr. Phil., Birkigt bei Tetschen. Zool.

Kabát, Josef Emanuel, Welwarn, Bohemia. Bot: European and Oriental Phænerogams, Cryptogams.

Kalchberg, Adolf, Baron von, Wien, XIII., Penzing, Parkgasse 62. Lepid. C. Ex.

Kanszt, J., Losoncz. Bot.

Karajan. V., Prof., Arch. Mus., Univ., Graz.

Karlinger, Leopold, Wien, II.-V., Dammstr. 33. Lepid.

Karrer, Felix, Geolog. Volontair am k. k. Naturhist. Hofmus., Wien, XIX. Ober Döbling 80. Rhizopodist und Petrog. du Bausteine.

Kastner, J V., Wien, XV., Marzstr. 9. Coleopt. C. Ex.

Kastner, Karl, k. k. Prof., Salzburg. Bot., Geol., Min., Zool. Kaufmann, Josef, Rubensgasse 5, Wien, IV. Coleopt. C.

Keck, Dr. Chas., Aistersheim Bot: Phan. Plants. C. Ex.

Kelecsényi, Carl von, Tavarnok, Hungaria via N. Tapolcsany. Coleopt., Lepid. (Europ. et Exot.).

Keller, Josef von, Wien. Bot. Kerner, v. Marilaun, Prof., Dir. Bot. Mus., k. k. Univ., Wien.*

Kheil, Napoleon M., Ferdinandstr. 38, Prague. Lepid. (Europ. and exotic), Orthopt., Hemipt., Dipt., Neuropt. C. Ex.*

Kinzel, Stefan, Petersdorf b. Trautenau. Min., Geol.*

Kittl, Ernst, k. k. Naturhist. Hofmus., Wien. Geol., Palæo. Ex. for Museum.

Klapálek, Frantisek, Prof. F.E.S., Museum, Prague. Geog. Dist., C. Neuropt. Ex.*

Klein, Jul., Prof. d. Bot. am Kgl. ungar. Josephs-Polytechnikum, Buda-

Klein, W., Prof., Vorst. k. k. Arch. Inst., Univ., Prague. Klemencie, Ignaz, Ph.D., Prof. Phys. an d. Univ., Graz.

Klement, Robert, Siebenbürgen. Photog., Lepid., Coleopt., Con., Moll., Orn., Zool., Ool. C. Ex.

Klos, Rudolf, Sangerberg. Lepid.

Klutschak, Prof., Gymnasium, Leitmeritz, Bohemia. Bot.

Kmet, Andreas, rom. Kath. Pfarrer, Prencov (bei Schemnitz). Large and fine collection of Roses and Fungi, Phæn. and Crypt. Bot. Ex. for Am. spec. esp. of tropical climates.

Knoll, Prof., Vorst. Inst. f. Exper. Pathol., Univ., Prague.

Koch, Prof. k. k. Hochschule für Bodencultur. Wien. Min., Geol.

Koechlin, Dr. Rudolf, Beamter am Naturhist. Hofmuseum, Wien, VII., Siebensterngasse 28. Crystall., Min.

Koelbel, Karl, Custos am k. k. naturhist. Hofmuseum, Wasagasse 28, Wien, Zool. Ex. Crustacea.

Kögler, Carl, Schönbüchel b. Schönlinde, Nordböhmen. Min. C. Ex. Kohl, Franz F., Custos adjunct am k. k. naturhist. Hofmus., Wien, XVIII. Hymenopt.*

Kolazy, Josef, Kais, Rath u. Hilfsämter-Dir., Wien, XIV, Gürtelstr. 9. Hymenoptera.*

Kolombatovic, Prof. G., Spalato. Vert., Cephalopoda, Dibranchiata. Korensky, Josef, Smichov. Bohemia. Palæo., Coleopt. C. Ex.*

Korlevic, Prof. Anton, Zagrab. Ent.

Kornhuber, Andreas, Med. and Phil. Dr., Prof. Inst. Polytech., Wien, V.-I. Bot: Phæn. and Crypt. Plants, Vert., Palæo. C. (Bot.) Ex.*

Körösi, Josef, Dir. des Communalstatistichen Bureaus, Budapest.

Kotula, Boleslaus, Gymnasial Prof, Przemijsl. Lamellibranchiata, In-

Kowalewsky, Dr., Mieczyslaw, Dublany, Galicia. Infusoria, Emb. Tel

Kowarz, Fred., k. k. Postverwalter, Franzenbad, Bohemia. Dipt. Krasan, Franz, Prof., Lichtenfelsgasse 21, Graz. Bot., Physiol.

Krasser, Dr. Fridolin, Wien, I., Univ., Pflanzenphysiol. Inst. Bot., Veg. Palæo., Mic.

Kravogl, Hermann, k. k. Prof., Egna, Tyrol. Bot., Min. Ex.

Kreidl, Alois, Prague, Manufactory for Phys., Chem., and similar apparatus, for use of instructors. Phys. Geol., Min., Crystall., Chem., Metall., Physics, Elect., Zool., Anat., Anth. C.

Krenner, Dr. Jos., Prof. Polytechn. u. Nationalmus., Budapest. Lin.

Krivány, Johánn von, Comitats Cassier, Arad. Geol., Geog. C.* Krone, Wilhelm, Prof., k. k. Staats-Oberrealschule, Wien. Micro-

Krsepinsky, Carl, Böhmish Brod. Hort., Zool., Lepid., Coleopt. C. Kulczynski, Władisław, Prof. am St. Hyacinth-Gymnasium, Krakau.

Arach. Ex.

Kundrab, Prof., Vorst. Pathol.-Anat. Mus., k. k. Univ., Wien.

Kunszt, Janos, Losoncz. Bot.

Kunszt, Karl, Schütt-Somerein. Orn., Ool. Ex.

Ladislav, Prof. Duda, Real. Gymnasium, Prague. Hemipt., Hymenopt.

Langhoffer, Aug., Dr. Prof., Zengg. Ent., Dipt. Lanz, Dr. Victor von, Prof. Univ., Wien. Phys.

Laretzky, P. Lavadka, Gömör. not.

Laube, G. C., Prof., Vorst. k. k. Geol. Inst., Univ., Prague.

Lecher, Bruno, Dr. Phil., Prof. Phys. an der Univ., Innsbruck.

Lecher, E., Prof., k. k. Univ., Wien. Exper. Physics. Lehoczky, Theodor, Munkacs. Arch. C.*

Lendenfeld, Robert von, Ph.D., Prof. Univ., Czernowitz. Morphol., Invert.

Anat., Sponges. C. Ex.*

Lendl, Adolf, Docent am Polytechnicum, vice-custos am Nat. Mus., Budapest. Arach., Biol.

Leonhardi, Adolf, Baron, Platz, Bohemia. Ent., Hymenopt., Lepid., Dipt., Coleopt., Hemipt., Orthopt., Neuropt. C. Ex.

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Gen. Bot., Elect., Lepid., Coleopt. C. Ex. Lieben, Dr. Adolf, Prof. Chem., Univ., Wien, IX., Wasagasse 9. Liebermann, Prof. Dr. Leo, Dir. der Kön. Chem. Reichsanstalt, Palais des Ministeriums f. Ackerbau, Budapest. Chem., Meteo., Gen. Biol.*

Lieblein, Robert, Asst. der k. k. Sternwarte, Prague. Phys. Geol., Phys., Elect., Photog., Meteo., Ast.

Linhart, Dr. Georg, Prof. d. Bot. an d. Kgl. ungar. landwirthsch. Akademie, Altenburg.

Lippich, Ferdinand, Dr., Prof. Math. and Phys., Univ., Prague, II., 1594. Phys., Optics.*

Lóczy, Lewis, Prof. Geog., Univ., Budapest, VII., Felsö erdösor, 1.

Strat. and Physical Geol., Photog. C. Ex.

Lode, Alois, Dr. Med., Wien, IX., Schwarzspamerstr. 17. Histol

Lomnicki, Mar., Prof., Lemberg, Galicia. Geol., Coleopt.

Lorenz, Dr. Ludwig, Ritter von, Custos adjunct am k. k. naturhistor.

Hofmus., Burggasse 9, Wien. Orn., Mammals.*

Lugert, Josef, Prof. of the Music-Conservatory, Smichow, 567 (Bohemia). Phanerog.*

Lütkemüller, Johannes, Dr. Med., Wien, IV., Favoritenstr. 4. Desmids.* Maggi, Capt. August, Fünfkirchen. Coleopt. C. Ex.

Marenzeller, Dr. Emil Edler von, Custos am k. k. naturhist. Hofmuseum, Tulpengasse 5, Wien. Zool. Ex. Echinoderms, Worms.*

Marktanner-Turneretscher ,Gottlieb, F.R.M.S., Em. Beamter am k. k. naturh. Hofmus., Graz, Hauptplatz 11. Chem., Mic., Photo-Micrography, Hydroids, Invert. Anat.*

Maska, K., Prof., Neutitschein, Moravia. Paleo., Anth.

Mayer, Sigmund, M.D., o. ö. Prof. d. Histol. a. d. deutschen Univ., Prague, Stefansgasse 28. Mic., Histol.*

Mayr, Dr. Gustav, Wien, III., Hauptstr. 75. Hymenopt., Galls. C.

Medreczky, Stefan, Gymnasial Prof., Ungvar. Orn.

Méhelij, Louis de, Prof., Brassó. Amphibia, Reptilia. C.*

Merk, Dr. Ludwig, Anat. Inst., Wien. Merkl, Eduard, D. Bogsan, South Hungary. Coleopt. C. Ex.

Michaelovics, Prof., Lengg. Bot.

Micklitz, Franz, k. k. Forstmeister, Radmansdorf, Oberkraim. Coleopt. C. Ex.*

Miczynski, K., Geol. Inst. der Universität, Krakau. Veg. Palæo.

Middendorff, E. v., Hellenorm (Livland). Orn., Ool. Ex.

Mik, Josef, Prof. am k. k. Akad. Gymnasium, Wien, III., Marokkanergasse 3. Dipt. C. Ex.

Mikálkovics, Prof. Dr. Geza Victor, Anat. u. Emb. Inst., Uellöerstr. 25, Budapest. Urogenital Vert. development.

Mikosch, Dr. K., Prof. an d. Staats-Oberrealschule, II., Praterstr. 30, Wien.

Moeller, Prof. Dr. J., k. k. Pharmakologisches Inst. der Univ., Gras. Bot., Mic.*

Mojsisovics, Dr. Edm. von, Vice-Dir. der k. k. Geol. Reichsanstalt, Wien, III., Strohgasse 26. Invert. Palæo., Strat. Geol.

Mojsisovics von Mojsvár, Aug., M.D., k. k. a. ö. Prof. der Zool. an der technischen Hochschule, Docent tür Zool. und vergleichende Anat. an der Universität, Custos der Zool. Abtheilung des steiermärkischen Landesmuseums "Joanneum," Graz, Maiffredygasse 2 Anat., Biol., Birds, Reptiles.*

Molisch, Dr. Hans, a. o. Prof. d. Bot. and technischen Hochschule, Graz. Bot.

Molnár, Lajos, Molna Szecsöd., bei Körmend. Collector and Dealer. Nat. Hist., Zool., Orn., Ool. Large collection of mammals, bird skins and eggs from Europe. Ex. first class mammal and bird skins of all parts of the world. Cor. desired. Foreign Ex. desired.*

Moser, Dr. James, Privat-Docent der Physik a. d. Univ. Wien, VIII., Laudongasse 25 Phys., Elect., Photog.*

Moser, Dr. L. Carl, Gymnasial-Prof., Triest. Min., Ath., Arch. C.* Mrázek, Alois, Ph.D., Pribram, Bohemia. Cestodes, Crustacea.

Mühel, Lul., Bodenback a. e. Bohemia. Orn. Ex. Mühlbach, Josef, M.D., Chotebor, Bohemia. Bot.

Mulser, Anion, Bozen (Tyrol). Reptiles.

Murr, Josef, Dr. Phil., Fallmerayerstrasse 2, Innsbruck. *Phæn. Bot.* C. Nandor, Dr. Uhrik, Prof. d. Hyg., Kerepesi-út 61, Budapest. *Ent.*, *Lepid.* C. Ex.*

Nestler, Dr., Univ., Prague, Bohemia. Veg. Anat.

Nickerl, Dr. Ottokar, Wenzelsplatz 16, Prague. Lepid., Coleopt.

Nickerl, Ottokar, Jr., Student, Wenzelsplatz 16, Prague. Coleopt., Hemipt.

Niedzwiecki, Jul., Prof. Polytechnic Sch., Lemberg, Galicia. Geol. Nonfried, A. F., Entomologe, Rakonitz, Bohemia. Coleopt. C. Buys

and Ex. Lamellicorniæ, Lucanidæ, Buprætidæ, Cerambycidæ.
Novák, Ottomar, Ph.D., Karlsplatz, 21, Prague. Invert. Palæo., Geol.
Obermayer, Prof. A. v., k. u. k., Oberst., Wien, VI., Gumpendorferstrasse 43, Laborat., Technische Militair Acad., VII., Stiftgasse 2.
Phys.**

Obersteiner, Dr. Heinrich, Prof. Univ., Doebling, Wien. Anat. of Vert., Neurolog., Histol of Vert.*

Ormandy, Nicolaus, Dir. d. Gym., S. a. Ujhely. Bot.

Ott, Josef, Mies, Böhmen. Ent., Coleopt., Chrysomelidæ. C. Ex.*
Otto, Anton, Mineralien-Comptoir, Wien, VIII., Schlösselgasse 2. Min.,
Lepid, Coleopt., C. Ex.*

Paar, Ludwig August. Reutte, Tirol. Lepid., Mollusks, Ent., Coleopt. C. Ex. L. and F. W. Con. and Lepid., with collectors of N. and S. America, Australia, Asia, etc.

Pachinger, Alajos, Prot., Klausenberg. Trematodes, Sporazoa.

Paderwieth, M. Ent. Bureau, Gospic, Croatia. Orn., Ool., Europ. and exot. Coleopt. C. Ex.*

Palla, Dr. Eduard, Privat Docent der. Bot. a. d. Univ., Graz., Leechgasse 22. Bot.

Pantocsek, Josephus, M.D., Tavarnok, via N. Tapolcsány. Diatoms der Globus.*

Panzer, Hubert, k. u. k. Oberlieutenant, Riva, Sud Tirol. Orn., Och., Min. C. Ex.

Pataky, Gábor, Uj-Pest Rivály. Bot.

Paulin, Alphons, k. k. Prof., Dir. des k. k. botan. Gartens, Laibach. Gen. Bot. Herbarium. Ex.

Paszlavszky, Josef, Prof., Förcáliskola, Budapest, II. Zool., Cynipida,

Hymenopt. C. Ex. Pater, Bela, Prof. dans l'Ecole d'Agric., Cassovie Hongrie, Kassa, Inst., d'Agric. Bot: Herbarium. Ex.*

Penck, Dr. Albrecht, Prof., Universität, Wien, I. Phys. and Glacial Geol., Geog., Geomorphol.*

Penecke, Karl A., Dr. Phil., Privat-Docent a. d. Univ., Graz, I., Tum-

melplatz 5. Geol., Palæo. Perenyi, Dr. Jo-ef., Kecskemet. Vert. Emb.

Peruter, Dr. T. M., rof. Univ., Innsbruck, Meteo.

Petr, Franz, Prof. am. k. k., pedagogium, Ticin (Bohemia). Fresh Water Sponges; Rotifera, Worms. C. Ex.

Petri, Carl, Dr. Phil., Schaessburg (Segesvár). Coleopt. C. Ex.

Peyl, Theodor, Naturhistoriker. Thomasgasse 4, Prague, III. Zool., Gen. Biol., Ent., Coleopt., Myriop.*

Pfaundler, Leopold, Dr. Phil., Prof. de Physique à l'Univ., Graz, Physik. Inst., Halbärthstr. 1. Phys., Elect.*

Pichler, Prof., Vorst. Arch. Mus., Univ., Graz.

Piers, Major, Güns.

Pietro, Rev. D. Porta, Cologna di Creto, Tirolo. Bot. C. Ex.

Pintner, Theodor, Dr. Phil, Asst. Zoolog. Inst., Wien, I. Zool., Worms.

Plasen, Dr. V., Wien, I., Fütterergasse. Colcopt.
Polak, Karl, Wladislawgasse 21, Prague. Flora of Europe.

Polansky, Anton, Palais d'Este, Brünn. Lepid., Coleopt. C. Ex.

Porcius, Florian, Naszod-Rodna (Transvlvania). Bot. C. Ex. Phanerogams of Transylvania for others.*

Porta, Pietro, Curato, Creto, (Tirolo). Phan. Plants.*
Posepny, Bergrath, Wien, XIX., Carl Ludwigstr. 62. Mining Geol.* Prazmowski, Dr. Adam, Prof. d. Bot. u. Landwirtsch. an d. landw. Akad., Czernichow h. Krakau, Galizien.

Pribram, R., Prof. Univ., Dir. Chem. Lab., Czernowitz. Chem.*

Purjesz, Dr. Sigmund, Docent, Univ., Budapest, Geschichte der Medicin. Interne Medicin, Bibliog., Anth., Arch., Ethnog.*

Rabl, Carl, Prof. Dr., Vorstand Anat. Inst., Krankenhausgasse, Prague. Emb., MoU.

Racihorski, M., Bot. Gardens, Cracovia. Veg. Palæo.

Raffesberg, Hugo, Podhragy, via Nagy Tapolcsan. Coleopt. C. Ex. Rathgeb, A., Schemnitz. Min., Geol., Minerals, Rocks. Ex.

Rátz Stefanus de, Dr., Prof. du Pathol. Anat., a. d. kön. ung. Veterinärakademie zu Budapest. Pathol., Anat.

Rebel, Hans, Dr., Magdalenenstr., 14. Wien, VI. Micro-Lepid. C. Ex.

Rechinger, Dr. Karl, Wien, I., Friedrichstr. 6. Syst. Bot.* Redtenbacher, Josef, Prof. a. d. k. k. Realschule, Budweis, Radetzky

Str. 5, Bohemia. Hemipt., Orthopt. C.*
Rehman, Anton, k. k. Universitäts Prof., Lemberg (Galizien).

Bot.*

Reinitzer, Prof. Friedrich, Prof. Zool., deutsche techn. Hochschule, Prag, I. Applied Bot, Zool., Agric. and Org. Chem., Mic. C. Ex.

Reisch, E., Prof., Univ., Innsbruck. Arch.

Reitter, Edmund, Paskau (Moravia). Colcopt.*

Remisch, Franz, Saaz, Bohémia. Ent., Lepid., Coleopt. C. Ex.

Reyer, Edw., Wien, IX., Liechtensteinstr. 47. Ex. Geol. photographs.

Richter, A., Bot. Garten, Budapest. Bot.

Richter, Lajos, Kaufmann, Budapest, Andrassy Ut 3. Bot: Phan. and Crypt. Plants, Ferns, Mosses, Fungi, Lichens, Algæ, Desmids, Diatoms, Lepid., Dipt., Hymenopt., Neuropt., Orthopt., Conch., Hemipt. C. Ex. Wishes pressed plants, insects, land mollusks, pipes, gravours and postage stamps from all parts of the world. Rinnbock, J. C., Simmering 14, Wien. Mic. (Diatoms). C. Ex.

Roesler, Prof. Dr. Leonhard, Dir der chem.-physiol. Versuchsstation, Klosternenburg b. Wien. Chem., Bot., Fungi, Hort., Ent. C.

Rofenstein, Victor Ebner, Ritter von, Dr. der medecin, a. ö. Prof. der Histol, Wien; Wipplingerstr. No. 38. Mic., Emb., Vert. Anat., Histol.

Rogenhofer, Alois Friedrich, Custos am k. k. Naturhist. Hofmuseum, Josefstadterstr. 29, Wien. Lepid., Hymenopt.* Rosa, Dr. Alois Dalla, a. ö. Prof. Anat., Wien.

Rosa, Dr. Luigi Dalla, Prosector Anat. Inst., Wien.

Rosonowsky, F., Hunfalvijgasse. 4, Budapest. Zoolog. Praeparator. Mam., Orn., Herpetol., Ent.*

Rossi, Ludvig, Agram, Croatia. Bot.

Roth, Martinus, Prof., Iglo. Min., Geol.

Roux, Dr. Wilhelm, Prof. Univ., Innsbruck. Menschliche Anat. u. Entwickelungsmechanik.

Rozsay, Rudolf, Ungvár. Coleopt. C. Ex.

Rulitz, Johann, k. k. botan. Gärtner, Laibach. Phæn. Bot., Ferns.

Rupertsberger, Mathias, Mühldorf. Europ. Coleopt. C. Ex.*

Russ, Carl, Officer, Wildstein, Bohemia. Coleopt.

Sabransky, Henry, Dr. Med., Univ., Tramin, Sud. Tirol. Phan. Plants, Ferns, Mosses, Coleopt., Hemipt. C. Ex.*

Sajo, Karl, Prof., Ackerbau-Ministerium, kön. ung. entomolog. Station. Ent., Hymenopt., Lepid., Dipt., Coleopt., Hemipt., Orthopt., Neuropt. C. Ex.

Sasclehner, Kalman, Andrassy St. 3, Budapest. Palæo., Geol. of Rocks, Min., Crystall., Lithol., Mic., Meteo., Philat. C. Ex.

Satke, Ladislaüs, k. k. Bezirksschulinspector in Tarnopol, Galizien. Met., Phys. Geol.

Schaffer, Josef, Dr. Med., Wien, IX, 2, Schlagergasse 3. Mic., Emb., Osteol., Histol. C. Ex.

Scharizer, Dr. Rud., Prof. Univ., Czernowitz. Min,*

Schaschl, Johann, Buchscheiden, Karnthen. Coleopt. C. Ex.*

Schenk, S. L., Emb. Inst., Wien. Emb., Vert. and Invert.

Scherffel, Aladár, Igló. Bot: Algæ.*
Scherl, Edmund, Wolfsberg, (Kärnten). Bot: Phæn. Plants.*

Schernhammer, Josef, Marzstr. 32, Wien, XV. Lepid. C. Ex. Schiffner, Dr. Victor, Privat-docent der Syst. Bot. an. d. k. k. deutsch Univ., Prague. Flora of Bohemia, Bryol.

Schilberszky, Karl, Assist. an der Univ., Budapest. Bot. (Bryol., Teratal., Morphol).

Schlangenhausen, Dr. Fridolin, Feldhof, bei Graz. Zool., Gen. Biol., Anth., Herpetol., Tax.*

Schmidt, Anton, Bürgerschuldirector, Haida, Bohemia. Mosses, Moll., Colcopt. Ex.

Schneider, Dr. Karl Camillo, Asst. Zool. Inst. Univ., Wein.

Schrauf, Dr. Albrecht, Prof. Univ., Wien, Grillparzerstr. 2. Min., Cryst., Inorg. Chem., Met., Phys.

Schwackhöfer, F., Prof. an der k. k. Hochschule für Bodencultur, Wien, 1X., Währingerstr. 59. Agric., Chem.

Schwalb, Karl, Schulleiter, Hühnerwasser, Bohemia. Fungi. C.

Seifert, W., Klosternenburg bei Wien. Chem., Mic.*

Sekera, Emil, Ph.D., Gymnas.-Prof., Czaslau, Bohemia. Mic., Meteo., Zool., Gen. Biol., Geog. Dist., Morphol., Emb., Anat., Anth., Eth., Ent., Worms, Protozoa. C. Ent.*

Senoner, Ad., früher Bibliothekar an d. k. k. geol. Reichanstalt, III.,

Marxergasse 14, Wien.

Settmacher, Gustav, Oberlehrer, Petersdorf b. Trautenau (Bohemia.) Min., Geol., Crystall. C. Ex.*

Siebenrock, Fried., Assist. am k. k. naturhist. Hofmus., Burgring 7, Wien. Herpetol. Ichth., Osteol.

Siemiradzki, Joseph, Prof., Univ., Lemberg. Strat. Geol., Photog., Anth., Eth. C. Ex.*

Sigmund, Alois, Gymnasium, Smichow (Bohemia). Petrog.

Sikora, Karl, Wien, IV., Haupstr. 7. Palæo.*

Simeck, Adolf, Bezirksecretär, Weisswasser (Bohemia). Coleopt., Lepid.,

Simonkai, Dr. Ludw., Prof. d. Naturgeschichte an d. Realschule, Arad. Skalskij, Karl, k. k. Post Controler, Smichow bei Prague. Macro- and Micro-Lepid. C. Ex.*
Skorpion, W., Wien, XIII.-2. Lepid. C. Ex.*

Sommaruga, E. Frhr. v., Prof. k. k., Univ., Wien. Chem., Bacteriol. Spaeth, Dr. Franz, Kohlmessergasse 3, Wien. Coleopt. C. Ex. Desires Coleopt., esp. Longicornes and Chrysomelites.

Spee, Dr. Ferd. Graf von, Prof. Anat. Inst., Kiel.

Speiser, Franz, S. J., Prof., Kalocsa, Kollegium. Coleopt. C. Ex.* Spitaler, Rudolf, Phil. Dr., Adjunct der k. k. Sternwarte, Prague. Min. Photog., Meteo., Ast. C. Ex.

Splichal, Cl., Lehrer, Hetzendorf b. Wien. Coleopt.

Srdinko, Josef, Prague. Europ. Lepid. Srnka, Anton, Kön. Landescassier, Kleinseite 259, Prague. Coleopt., Cicindelidæ of the world.

Staub, Moriz, Prof., Dr., Sec. Soc. Geol. Hungarian, Budapest, VII., Kerepesi út 8. Bot., Veg. Palæo.*

Stefan, Dr., Freiherr von Washington, Schloss Pöls, Post Wildon, Steiermark. Orn., Geog. Dist. and Acclimatiz. of Birds. Ex. Steigerwald, Karl V., Chotebor, Bohemia. Orn., Ent., Lepid. Steindachner, Dr. Franz, k. u. k. Hofrath, Dir. der Zool. abtheilung der

k. k. Naturhist. Hofmuseum, Burgring 7, Wien. Herpetol., Ichth. Stockmayer, Dr. Siegfried, Wien, Dobling Hauptstr. 12. Alga. Diatoms, Hist. C. Ex.

Stoffella. d'alta Rupe, Emil, Prof. der Internen Medezin an der Univ., Wien, VIII., Alserstrasse 25. Herz-Lungen. u. Unterleibskrankheiten, Sprechstunde 4 Uhr.*

Stole, Antonin, Ph.D., Prague, Bohemia. Oligochata, Myaasporidia, Protozoa.

Stolz, O., Prof. Univ., Innsbruck. Math.*

Stossich, Michele, Prof., Trieste. Worms, Moll. C.

Stur, Dionys, Oberbergrat. mitglied d. Akadem., Dir. d. k. k. geol. Reichsanstalt, III. Rasumoff-kygasse 3, Wien. Phyto-palæo.

Sturany, Rudolf, Dr. Phil., Wissenschaftlicher Hilfsarbeiter am k. k. Naturhist. Hofmus., Kasernengasse 7, Wien VI. Moll.

Stussiner, J. A., Wienerstrasse 15, Laibach (Krain). Coleopt. (esp. Pselaphidæ and Scydamænidæ), Orthopt., Con. C. Ex.

Suess, F. E., Ph.D., Wien, k. k. Geologische Reichsanstalt. Palao., Geol.*

Sullivan, Rev. Maurice, Univ. of Innsbruck. Con. C.

Swess. Eduard. Prof. Univ., Wien. Geol.

Szajnocha, Dr. L., Prof. Geol. and Palæo., Universität, Cracovia. Geol., Veg. Palæo.

Szepligeti, Prof. Gyözö, Budapest.

Szinnyei, Olmár, Budapest.

Szokol, Dr. Paul, Prof., Felső-Bánya. Min. C. Sell and ex.

Szombathy, Josef, Custos am k. k. Naturhistorischen Hofmuseum, Sigmundsgasse 8, Wien, VII. Anth., Arch., Osteol.

Sztehlo, Dr Aurel, Spinegerszeg. Bot.

Szyszylowicz, Dr. Ign., Prof. Bot., and Dir. Bot. Lab., Agric. Coll., Dublany near Lemberg. Bot.: Phæn. Plants, Mosses, Fungi. C. Fungi. Ex.*

Tabornegg, Markus von, Klagenfurth, Carinthia. Bot.

Talowitz, E., Adjunct Brauerei-Versuch Station, Wien, IX. Chem.

Talsky, Jos., Prof., Neutitschein, Moravia. Orn.

Tangl, E., Prof., Univ., Czernowitz. Bot. Tanta, Dr. Adolf, Székesfehervár. Bot.

Teisseyre, Dr. Lor., Docent Univ., Lemberg, Galicia. Geol.

Teller, Dr. Friedr., Adjunct. Geolog. Reichsanstalt, Wien. Geol.

Termy, Gustav, Iglo, Zips. Bot.

Teschler, Georg, Prof. Staats-Oberrealschule, Körmöczbánya. Nat. Hist., Chem., Lithol., Anat., Herpetol., Histol. of Vert., Odontol., Diatoms. C. Ex. Trachyto, Opal.

Thalhammer, Prof. Johann, Kalocsa bei Budapest. *Ent.*, *Dipt.* C. Ex. Tieser hausen, Alexander, Baron von, Gummerhof Dorf Bozen, Tyrol. *Moll.* C. Ex.

Toldtt, Prof. Dr. Carl, Vorstand II., Anat. Inst., Wien. Hum. Anat., Histol.

Tominz, Raimondo, Inspecteur général du plantations publiques, dir. du jardin bot., Trieste. Bot., Hort.

Tondera, Fr., Prof. à l'Ecole Polytechnique, Krakau. Veg., Palæo.

Torök, Prof. Dr. Aurel, Vorstand Inst. of Anthropologie, Rosenplatz 7,
Budapest. Man and Apes.

Toth, Dr. M., Kalocsa bei Budapest. Min.

Toula, Dr. Franz, Prof. der Mineralogie u. Geologie an der k. k. technischen Hochschule, IV., Wien Geol.*

Trabert, Dr. Wilhelm, Doc. Univ., Wien, XIX., Hohe Warte 38. Meteo. Traxler, Ladislaus, Dr., Munkács. Con., Spongillidæ. C. Ex.

Trusz, Simeon, Prof. am k. k. Ober-Gymnasium, Zloczów (Galizien.)
Syst. Bot. C.*

Tschermak, Prof., Dir. Min., Petrogr. Inst., k. k. Univ., Wien.

Tschusi zu Schmihdoffen, Victor Ritter von, Villa Tännenhof bei Hallein, Salzburg, Chairman of Comm. for Ornithol. Obs. in Austro-Hungary. Orn., esp. Orn. of Austria and Hungary C. Ex. Birds of Austro-Hungary, esp. of the Alps.

Uhlig, Victor, Prof., Techn. Hochschule, Prague. Invert. Palaco., Strat. and Phys. Geol., Moll., Protozoa.*

Uhrik, V., Dr., Budapest, Herepeserstr 61. Lepid.

Ullepitsch, Jos., Gnezda (Zips). General Bot. Will ex. plants of Carpathian Alps for European plants.

Umlauft, Anton, Schönbrunn k. u. k. Hofgärten Inspector, Wien, XIII., Hort. C. Ex.*

Vadászfy, Eugen, Inspector of Woods and Forests, Budapest, V., Bez. Kárpátutcza 19 r. Zool., Orn., Coleopt.

Vandas, Dr. K., Prague, Academ. Gymnasium. Flora of the Balkan-Peninisula.

Vávra, Váelav, Ph.D., Assist. Bohem. Univ., Prague. Zool., Crustacea. C. Ostracoda in ex.*

Vejdovskij, Franz, Ph.D., Prof. of Biol., Comp. Anat. and Emb., University, Prague, Bohemia. Zool., Gen. Biol., Emb. of Invert., Comp. Anat., Worms, Protozoa, Fresh-Water Sponges, Coccides Psyllide, Hymenopt., Fresh-Water Amphipoda. C.*

Velenovskij, Prof., Dr., Univ., Prague. Oriental Plants (esp. Bulgarian), Morphol., Bohemian Flora.*

Venczel, Wrany, Sub-Lechnitz via Szepes Ofala, Szepes. Bot: Phan. Plants, Mosses. Lichens. C. Ex.*

Vetter, Karl, Assecuranz dir., Prague. Coleopt, (Cicindela, Carabus). Vierhapper, Friedrich, Ried. Phæn. Bot., Plants Ferns.

Vintschgau, Prof. v. vorst. Physiol. Inst., Innsbruck.*

Vlcek, William, Vinobrady 1, Prague, Bohemia. Europ. Lepid. Voss, Wilhelm, k. k. Prof., Laibach. Fungi. C.

Waagen, Dr. W., o. Prof. d. Paläontologie, Wien.

Wagner, Adolf, Dr. Phil., Asst. Bot., Inst. der Univ., Mariatheresieustr. 25, Innsbruck. Bot.*

Wähner, Franz, k. k. Naturhistor. Hofmuseum, Privat-Docent an der Univ., Wien. Geol., Palæo.

Waltenhofen, Prof. Dr. A. von, Wien. Elect., Magnetism.*

Weichselbaum, Prof., k. k. Univ., Wien. Pathol., Anat., Histol., Bac-

Weidel, Prof., Vorst. Chem. Lab., k. k. Univ., Wien.

Weinek, Dr. Ladislaus, Prof. Univ. Prague, Bohemia, Dir. der k. k. Sternwarte. Meteo., Ast.

Weinzierl, Robt. von, Prague, 174-I. Arch., Coleopt. C. Ex.

Weinzierl, Dr. Th. Ritter von, Docent, Vorstand der Samen-Control Stat. wirkl. Mitglied der Kaiserl. Leopold-Karol. deutschen Akademie der Naturforscher, etc., Herreng. 13, Wien. Samenkunde, Untersuchung der Kraftfuttermittel, Futterbauversuche.

Weiss, Dr. A., Prof. Univ., Prague, Bohemia. Crypt. Bot., Desmids, $m{D}iatoms. m{*}$

Wender, Dr. Neumann, Czernowitz. Chem., Mic.

Wendlandt. Paul, Königl. Aberförster, Tapiau. Ool., Orn., Mosses. Wettstein, R. von Westersheim, Dr. Phil., Prof., Dir. d. botan. Gartens

der deutsch. Univ., Prague. Bot., Palæo.* Wichmann, Dr. K., Wien, IX. Bot., Bacteriol.*

Wielowicyski, Heinrich v., Docent Univ., Lemberg, Horodenka. Zool., Gen. Biol., Morphol., Emb., Invert. Anat., Histol.

Wierzejski, Anton, Dr. Phil., Prof. Zool. Univ., Krakau. Hymenopt., Crustacea, Sponges.

Wiesbaur, Prof. J., Mariaschein, Bohemia. Bot: Phan. Plants; Min., Lithol.*

Wilckens, Martin, Dr., Prof., k. k. Hochschule für Bodencultur, Wien, Vorst. Zool. Physiol. Lab.*

Wilhelm, Carl, Ph.D., Wien, Cottagegase 24. Universal and Forest-Bot. C. Ex.*

Willkomm, Moritz, Dr. Phil., Prof. de la bot. syst.; Ancien Dir. du Jardin bot. de l'Univ., Prague. Phan., and Crypt. Plants.*

Witlaczil, Dr. Emanuel, Wien, 3-2 Hörnegasse, 18. Zool., Anat., Emb. Woldrich, J. N., Ph.Dr., k. k. Prof., Wien, III. Neulinggasse 6. Palao., Geol., Anth., Arch. C. Ex.*

Wolfinau, Wolf v., Prof. Realschule, Leitmeritz, Bohemia. Min., Geol. Woloszczak, Dr. Eustache, Prof. Zool. and Bot., Polytechnic School,

Lemberg. Bot., Salicology. C. Plants and Woods. Ex. Zahlbruckner, Dr. Alex., Assist. k. k. Naturhist. Hofmuseum, Wien. Bot: Phan, and Crypt. Plants; Lichens, Photog. C. Ex.

Zechenter, Dr. Gustav, Kremnitz (Körmöczbánya). Min., Bot. C. Many spec. to ex.*

Zelinka, Dr. Karl, Prof., Graz. Zool., Gen. Biol., Emb., Histol., Worms. Zenger, Chas. V., F.R.A.S., F.B.A.A., F.A.S.P., Memb. Acad. of Sciences of Prague, Prof. of Phys. and Astrophysics, Dir. Astrophysical Observatory, Karlsplatz, Polytechnic School, Prague.

Astronomical Photog., Phosphorog. Ex. for objects in the same line *

Zoufal, Prof. Vladimir, Ostrawa, Moravia. Lepid., Coleopt. C. Ex.

Zuckerkandi, Prof., k. k. Univ., Wien. Anat.

Zukal Hugo, Wien, VIII., Lerchengasse 34. Crypt. Plants.

BELGIUM.

Ballion, Jean, Gand. Invert. Palao., Zool., Anth., Orn., Ent., Moll. C. Ex.

Bambeke, Ch van, 5 rue Haute, Gand. Emb., Vert.

Bayet, Baron de, membre des societés royale malacologique, archéologique et scientifique, 58 rue Joseph II., Brussels. Geol., Min., Palæo. C. Ex. Desires espec. to receive fish, reptiles, shells, crustaces, polypus, crinoidia, and fossil insects of N. and S. America in ex. for fossils of Europe. Has 700 species in pairs to dispose of.*

Bayet, Louis, Ing., Walcourt. Geol., Palæo. Ex.

Béclard, Ferdinand, Sec. de la direction, Mus. Roy. d'Hist. Nat., 31 Rue Vautier, Brussels. Invert. Palæo.*

Bodart, Curé à Anhée, par Dinant. Ent., Bot.

Boddært, Albert (Care of Prof. R. Boddært), Ghent. Comp. Anat., Worms espec. desired. Nat. Hist. of Flanders.

Bougnet, Eustache, Ing. en chef, Dir. hon. des mines, Jemeppe. Geol. Boulenger, Herman, 131 rue du Collège, Brussels. Photog., Stamps. C. Ex.*

Braconier, Ivan, Propriétaire au château de Modave. Geol., Paleo., Anth.

Breithof, Nicholas, Ing., Prof. Univ., 54, rue du Canal, Louvain. Geol. Briart, Alphonse, Ing. en chef des charbonnages de Mariemont et Bascoup, Morlanwelz. Geol., Palæo.

Bris, Artus, Ingénieur, Chenée. Phæn. and Crypt. Bot.*

Bruggen, Louis van der, 109 rue Belliard, Quartier Leopold, Brussels. C. Fossils.*

Bruyne, C. de, Asst. Embryol. u. Histol., Univ. de l'Etat, Gand.

Cabeau, Abbé Joseph, Curé de Chaumont à Florennes. Orn., Ool., Coleopt., Lepid. C. Ex.

Cabeau, Chas., abbé, Dir. de l'Ecole d'Agric., Virtou. Ent., Elect. Wishes to ex. Lepid. and Coleopt. of Belgium for exotics.

Candèze, Dr. Ernest, Glain, near Liège. Ent., Elateridæ. C. Ex. Candèze, Lèon, Glain, near Liège. Ent., Sphingidæ, Bombycidæ. C. Ex.

Carnoy, Dr. J. B., Prof. Univ. Louvain, rue du Canal 22, Louvain. Bot., Mic., Cellular Biol.

Cartuyvels, Jules, Ing., Dir. de l'Admin. de l'Agric., 40, rue Breydel Brussels. Geol.

Casteele, Dé van de, rue de l'Ouest, Liège. Arch.

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De Dordolot, Henry, D.D., Prof. Cosmology, Univ. of Louvain, 10 Rue au vent, Louvain. Strat. Geol., Palao., Chem., Physics, Gen. Biol., Zool. Emb., Bot.

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Bois, Désiré, Assistant de la Chaire de culture au Muséum d'hist. nat., rue Cuvier 57, Paris. Plantes utiles, Phæn. Plante, Hort.*

Boissellier, Rochefort-sur Mer (Charente-Inférieure). Geol. Bonaparte, le prince Roland, Cours-la-Reine, 22, Paris. Geol. Bonhoure, Alph., Boulevard Haussmann 82, Paris. Coleopt.

Bonjour, Samuel, Passage St. Yves, No. 23, à Nantes (Loire Inf.). Orn.

Bonnet, Dr. Edmond, préparateur de bot. au Mus. d'hist. nat., Paris. Bot. Bonnier, Gaston, Prof. à la Sorbonne, 15, rue de l'Estrapade, Paris, et Dir. du Laboratoire de Biologie végétale de Fontainebleau (Seine et Marne). Bot.*

Bonnier, Jules, 75 rue Madame, Paris, Sous-dir. du laborat. de Zool. de Wimereux, Pas-de-Calais. Crustacés Décapodes, Schizopodes, Cu-

macés, Isopodes, et Amphipodes. Ex.

Bontan, Dr. Louis, Maître de conférence à la Fac. Sci., Lille. Moll. Bony de Lavergne, Raymond de, 25 rue de St. Petersburg, Paris. Palæo. C.

Bornet, Ed., Membre de l'Institut, Quai de la Tournelle 27, Paris. Bot.,

Bouat, Gustave, Secrétaire de l'Académie d'Aix-en-Provence. Bot.*

Bouché, l'Abbé Jean, Curé de Viziele (Isère). Coleopt.

Boudier, Emil, 22 Rue de Gretry, Montmorency (Seine-et-Oise). Bot: Fungi, Ent., Coleopt.

Boulay, l'Abbé, D.Sc., Prof. à l'Université Catholique, Boulevard Vauban 127, Lille (Nord). Bot. C. Ex.

Boule, M., Agrégé de l'Université, Docteur ès Sciences, Mus. d'Histoire naturelle, rue Lacépède 17, Paris. Geol., Paleo., Vertebrates.*

Boullet, Eugène, Corbie (Somme). Lepid. du globe. C. Ex.

Bourgeat, (l'abbé), Prof. à l'Inst. catholique de Lille (Nord). Geol. Bourgeois, Léon, 1 rue du Cardinal Lemoine, Paris. Min., Crystal.,

Lithol., Inorg. Chem. Bourru, Dr. H., rue Victor Hugo, Rochefort-sur-mer, Charente-Inférieure.

Nat. Sci., Clinique Medicale.

Boury, Eugène de, Théméricourt par Vigny (Seine et Oise). Eocene Fossils, Mathildia, Scalaria, Acirsa, recent and fossil. Living shells from Gulf of Gascoyne and fossils of the basin of Paris for ex. for Scalaria, books on Scalaria, etc. Scalaria and eocene fossils of Alabama, U.S.A.

Boutroux, Léon, Prof. à la Faculté des Sciences de Besançon. Bacterial Fermentations.

Bouvier, E. L., Prof. agrégé à l'Ecole supérieure de pharmacie de Paris, 39 rue Blaude Bernard, Paris. Zool., Anat., Crust., Moll.

Bouzereau, Malifert, à Meursault Côté d'Or. Lepid

Brabant, E., Château de l'Alouette, Escandœuvres, près Cambrai. Le-

Branly, Edouard, D. S., M.D., Prof. de Physique à l'Inst. Catholique de Paris, ave. de Tourville 21. Phys.*

Brau de Saint-Pol Lias, M. F. Xavier, J. J. H., Explorateur chargé par le Gouvernement Français de Missions Scientifiques en Malaisie et en Indo-Chine, rue de Passy 47, Paris. Ethnog., Anth., Zool.,

Bréon, Eugène, Semur (Côte-d'Or). Geol.

Breton, Chef de section en retraite de la Compagnie du chemin de fer de l'Est, boulevard Victor Hugo, 3, Bar-sur-Aube (Aube). Geol.

Briard, Pierre, Troyes, Rue Grosley 7 bis. Bot: Phan. and Crypt. $oldsymbol{Plants}.$

Brocard, M. E., rue de la Lue 9, Besançon, Doubs. Prés. de la Soc. des Ornithologistes de Frandre Comté. Orn. C. Ex.

Brongniart, Charles, du Muséum d'Histoire Naturelle, rue Linné 9, Paris. Zool., Palæo., Bot. C. Fossils of the Carboniferous, Insects, and Fishes. Ex.*

Bruant, Georges, boulevard St. Cyprien, Poitiers. Bot., Hort.*

Brun-Buisson, Francisque, Dr. Med., Voiron (Isère). Bot., Fungi., Hort., Photog.

Bruycker, Pol de, M. E., Geologist, 26 ave. Marceau, Paris. Geol., Min., Lithol., Metall., Physics, Geog. Dist., Anth., Eth., Ethnog.

Bureau, Edouard, Prof. de Bot. au Mus. d'hist. nat., Paris. Bot.

Busquet, Dir. des houillères, La Machine, near Decize (Nièvre). Veg. Palæo.*

Buysson, Henri du, Château du Vernet, Broût-Vernet (Allier). Bot., Ent., Colsopt. (spec. Elateridæ), Orthopt., Hymenopt., Dipt., Hemipt. C. Ex. French specimens for American.

Buysson, Robert du, Château du Vernet, Broût-Vernet (Allier). Bot., Ent., Hymenopt. (special, Chrysididæ of the world), Crypt. C. Ex. French specimens for Amer.

Cadiat, L. O., Prof. agrégé à la Fac. de Médecin, Paris. Emb., Vert.

Caignait de Sauley, Henri, Coulommiers. Palæo. C. Calais, Jean, à la Librairie B. Visconte et Cie, 2 rue du Cours, Nice (Alpes-Maritimes). Ichthyol.

Callot, Louis, Marseille, 31 rue des Trois Mages. Bot.

Cambournac, Simon, boulevard de la Gare 14, Narbonne, Aude. Coleopt. Camus, E. G., Pharmacien de lère Classe, Lauréat de l'Inst. de France (Académie des Sciences), Sec. de la Société Bot. de France, 58 Boulevard St. Marcel, Paris.*

Canu, Dr. Engène, Chef des travaux zool. à la Station Agricole de Boulogne-sur-Mer. Fishery Industries, Marine Fish Culture, Emb. of

the Fishes, Copépodes. C. Ex.*
Caralp, Maître de conférences à la Faculté des Sciences, 22 allée St. Etienne, Toulouse (Haute-Garonne). Geol.

Caraven Cachin, Alfred, Séc. de la Commission des Antiquités du Tarn, Salvagnac (Tarn). Geol.

Cardot, Jules, Stenay (Meuse). Bot. C. Ex. Musci of Europe for those of the world, and especially of America. Determinations.

Carez, Léon, Docteur ès-sciences, avenue Hoche, 36, à Paris. Strat. Geol.*

Carnot, Adolphe, Prof a l'Ecole Supérieure des Mines, 60 Boulevard St.-Michel, Paris. Geol., Min., Chem., Metall.*

Carret, l'Abbé Antoine, Aumônier, Chartreux, Lyon. Ent., Coleopt. C.

Carrière, Attaché à la Carte géologique d'Algérie (Oran), 2, rue des Chapelins, à Nîmes (Gard). Geol.

Castanier, Justin, Sorede, Pyrénées Orientales. Bot.,

Caullery, Maurice, Agregé-Préparateur de Zool., École Normale Supérieure, Paris. Zool., Gen. Biol., Geog. Dist., Morphol., Emb., Histol. Tunicates.*

Caumont,—, Instituteur, rue Pingré, Amiens (Somme). Bot.

Cayeux, Préparateur à l'École des Mines, 60, boulevard Saint-Michel, à Paris. Geol.

Cazalis de Fondouce, Pau!, Ing., 18, rue des Etudes, Montpellier. Anth., Arch., Eth., Ethnog. C.*

Caziot, Eugene, Capitaine d'artillerie, Avignon. Invert. Palaco., Con., Malacol., Moll. (L. and Sea Shells). C. Ex.*

Certes, A., 7 rue des Grands Augustins, Paris. Infusoria, Oyster Parasites.

Chabrié, Dr. C., Chef du Lab. Physiol. Chem., Hôp. Necker, Paris. Chemist.*

Chadenat, Ch., 17 quai des Grands Augustins, Paris. Librairie Americaine, Livres, Gravures, Cartes, etc. Publie "Le Bibliophile Américain." Catalogue à prix marqués.*

Chalande, Henri, rue des Couteliers 51, Foulouse, Haute Garonne. Bot. specimens from the Pyrenean region to exchange for land shells of

any country.*

Chaper, Mauriee, Ingénieur, Ancien Prés. de la Soc. Zool. de France, Membre des Soc. Géol. et Min., rue St. Guillaume 31, Paris. Mollusks, Invert. Palæo. C. fossil invert. and living mollusks. Ex.*

Charlois. A., Nice. Ast.

Chatin, Joannes, Prof. Dr., boulevard St. Germain 128, Paris. Trichina, Insects, Hist.

Chelot, Emile, Licencié ès Sciences, 82 rue Monge, Paris. Geol. Palæo.* Cheux, Albert, rue Delaage 47, Angers. Meteo., Ast., Min., Ent., Lepid., Geol., Palæo. C. Ex. Chevallier, l'Abbé L., Précigne (Sarthe). Bot.

Chevallier, l'Abbé L., Précigne (Sarthe). Bot. Chevillou, Capitaine, Officier d'Acad., Blois. Ent. Chrétien, Pierre, Rue de l'Etoile 32, Paris. Lepid.

Chudeau, R., Prof. à la Faculté des Sci., Besançon (Doubs). Geol., Min.* Claudon, Edouard. Ingénieur, boulevard d'Enfer 6, Paris. Chem., Min., Microbiologie.

Clément, Camille, 23 rue Roderie, Valence (Drôme). Photog., Physics. Cloez (Charles), Répétiteur à l'Ecole polytechnique, rue Guy de la Brosse, 9, à Paris. Geol.

Clos, Dr. Dominique, Faculté des Sciences de Toulouse. Bot.

Cogit, E. et Cie, 49 Boulevard St. Michel, Paris. Microg., Bacteriol., Depôt des microscopes, Leitz.*

Collignon, Dr. Réné, 25 de Ligne, Cherbourg. Anth.

Collot, L., Professeur de Géologie à la Faculté des Sciences, rue Saint-Philibert, 51, à Dijon (Côte-d'Or).

Colomb, Georges, rue Claude Bernard 33, Paris. Bot.

Constant, A., Villa Niobé, Golfe-Juan (Alpes-Maritimes). European Lepid., spec. Microlepid., Hort. C. Ex.*

Contejean, Charles L., Prof. hon. à Montbéliard (Doubs).*

Copineau. Charles, Membre de la Soc. Bot. de France, Juge au Tribunal civil, Doullens (Somme). Phæn. Bot. C. Ex. (general).*

Coppet, Louis C. de, Ph. D., Villa Irène, rue Magnan, Nice. Crystall., Chem., Phys.*

Cordier, Henri, Prof. à l'École Spéciale des Langues Orientales Vivantes, et à l'Ecole Libre des Sciences Politiques, 3 Place Vintimille, Paris.

Corme, Maxime, Prof. au Mus. d'hist. nat., 27 rue Cuvier, Paris. Bot. Cosserat, E., Toulouse. Ast.

Cossigny, Ch., de Courcelles, par Clérey (Aube). Geol.

Cossmann (Maurice), Ingénieur en chef des services techniques au chemin de fer du Nord, rue de Manbeuge, 95, à Paris. Invert. Palæo., Moll. C. Ex.*

Cosson, E. Saint-Charles, Membre Acad. Sc., rue La Boëtie 7, Paris. Bot.

Costantin, Julien, 57 rue Claude Bernard, Paris. Bot., Fungi. C. Ex.* Cotteau, Edmond, Lauréat de l'Inst. de France, 4 rue Sedaine, Paris. Geog., Voyages.

Cotteau, Gustave, Membre correspondant de l'Inst. de France, Auxerre (Yonne). Paico., esp. Echinoderms. C. living and fossil echinoderms for sale or exchange.*

Courchet, L., Prof. de Bot. à l'Univ. (Instit. de Bot.), Montpellier. Veg. Anat.*

Contagne, Georges, Rousset (Bouches du Rhone). Bot., Hort. (Bulbous and tuberous plants), Mollusks (L. and F. W. shells). C. Ex.

Couvreur, Edmond, Chef. des trav. pratiques à la faculté des sciences de Lyon. Physiol. comp., Anat. comp.

Crettè de Palluel, Albert, au Château de la Vallée (Cotes du Nord). Orn.

Crié, Prof. à la Faculté des Sciences, Rennes. Bot., Veg. Palæo.

Croissandeau, Jules, rue du Bourdon blanc 15, Orléans. Coleopt., Gallorhénans et Corses, Pselaphidæ, Scydmænidæ, Pausidæ, Clavigeridæ du globe.

Croix, John Errington de la, F.L.S., F.G.S., etc., etc., Explorer, 49 Ave. Bosquet, Paris. Geol., Min., Mining Engineering, Zool., Eth., Ethnog., Philol.

Croizier, Le Marquis de, 10 boulevard de la Saussaye, Parc-de-Neuilly, Paris. Bibliog., Geog. Dist., Arch., Ethnog., Philol.

Crosse, Hippolyte, Directeur du Journal de Conchyliologie, rue Tronchet, 25, à Paris.

Crozel, Georges, place de l'Hotel de Ville, Vienne (Isère). Geol., Palæo., Con., Crustacea, Anat., Gynæcol. C. Ex. L., F. W. and Marine Shells, Fossils and Mins. of France to exchange. Correspondence solicited.*

Cuénot, Lucien, Chargé de cours de Zool. à la Faculté des Sciences, Nancy (Meurthe et Moselle). Zool., Gen. Biol., Morphol., Emb., Invert. Anat., Histol., Radiates.*

Curtel, Prof. au lycée de Dijon, Dijon. Bot.

D'Achon,—, Chateau de Montevran (Loir et Cher). Coleopt. de France. Daffry de la Monnoye, Adalbert, rue du Cherche Midi 11, Paris. Ent.. Coleopt., Dipt., et Aviculture.*

Dagincourt (Em.), Docteur en médecine, rue de Tournon, 15, à Paris.

Dagrève, Antoine, 20 boulevard Diderot, Paris. Coleopt.

Daguillon, Prof. au lycée Janson-de-Sailly, 6, rue Le Kain, Paris. Bot. D'Alamonville, C. Con., au Château de Manonville (Meurthe et Moselle).

D'Alzac, Jean Joseph Ulric, Marquis de la Douze, Chateau de Borie-Petit, par Périgueux (Dordogne). Bot.

Damour, A., rue Vignon, 10, à Paris. Geol.

Dangeard, P. A., Prof. de Bot., à la Faculté des Sciences, Directeur du Botaniste, 16 rue des Halles, Poitiers. Bot: Crypt. Plants, Fungi,

Algæ, Mic., Histol. C. Preparations microscopiques. Ex. Daniel, Lucien, Dr. ès Sciences, à Chateau Gontier (Mayenne). Bot.

Dareste, Dr. Camille, rue de Fleurus, Paris. Teratology, Emb.

Daubrée, Auguste, Inspecteur général des mines, boulevard Saint-Germain, 254, à Paris. Geol.

D'Aubusson, Meagaud, à Paris, r. Poussin 36. Orn.

Dautzenberg, Philippe, Ancien Pres't de la Soc. Zool. de France, 213 rue de l'Univ., Paris. Mollusks. C. Ex.*

Daveau, J., Jardinier en chef du Jardin Bot. de Montpellier. Mediterr. Flora.*

Davy, L., Ingénieur chef de service des forges de Trignac, à Chateaubriant (Loire-Inférieure). Geol.

DeBedriaga, Dr. Jacques, Nice, Bd. de l'Impératrice 55. 'Herpetol. C.

Debierre, Chas., Prof. agrégé à la Fac. de Med., Lille (Nord). Mammals. De Cazanove, Joseph, Avize, Marne. Ferns, Photog., Zool., Orn., Ool. C. of Birds. Ex.

Decharme, Doct. ès Sc., Chevalier de la Legion d'honneur, Prof. de l'Univ. (en retraite), Officier de l'Instruction Publique, rue St. Louis 8, Amiens. Phys.*

Decœne-Racouchot, Alfred, Antoine (Luzy), Nièvre. Coleopt.

Degrange-Touzin, 13, rue Casteja, à Bordeaux (Gironde). Geol. Dehérain, Pierre P., Prof. Mus. d'Hist. Nat., 1 rue d'Argenson, Paris. Agric. Chem.

Delaby, Edmond, rue Amiral Courbet 10, Amiens. Coleopt.

Delachanal, Bénédict, Chef. des travaux Chimiques à l'Ecole Centrale des Arts et Manufactures, 66 rue du Cardinal Lemoine, Paris. Chem., Physics, Areometrie.

Delacroix, Sous-Directeur du laboratoire de Pathologie végétale à l'Institut national agronomique, 18 rue Claude Bernard, Paris. Crypto-

Delafond, Frédéric, Ingénieur en chef des mines, à Châlon-sur-Saône

(Saône-et-Loire). Geol.

Delage, Yves, Doct. en méd., Prof. Anat., Zool., et Physiol. comp. à la Sorbonne, Paris, av. des Gobelins 44. Palæo., Phys. Geol., Psycho-Physiol., Mic., Zool., Gen. Biol., Geog. Dist., Emb., Anat., Vert., Invert.*

Delagrange, C. J., Besançon, 57 rue Bersot. Coleopt., Lepid. du globe. Delante, Albert, Pharmacien, Authon-du-Perche (Eure-et-Loire). Bot., Phæn. Plants, Mosses, Ent., Coleopt. C. Ex.

Delauney, Felix J., Ministère de la Marine, Paris. Phys. Geol., Meteo., Ast., Coleopt.

Demaison, Louis, Archiviste Paléographe, rue Cérès 21, Reims. Ent., Lepid. C. Mammals, Birds and Rept.

Demarçay, Eugène, 74 rue de Courcelles, Paris. Chem., Physics.

Denans, Albert, Rue Chateauredon 25, Marseille. Mollusks, Postage Stamps. C. Ex. shells of Mauritius, Mediterranean, New Caledonia for species of the genera Cyprea, Marginella, Mitra, Cochlostyla.*

Deniker, Dr. Joseph, Bibliothécaire du Museum d'Hist. Nat., 2 rue Buffon, Paris. Bibliog., Anth., Arch., Eth., Ethnog., Mammals.

Depéret, Doct. ès Sciences, Chargé de cours à la Faculté des Sciences, Lyon. Geol., Palco.

Depping, Guillaume, Conservateur-adjoint à la Bibliothèque Ste. Geneviève, 14 rue Milton, Paris. Bibliog., Geog. Dist *

Dereims, Préparateur au Laboratoire de géologie de la Sorbonne, à Paris.

Desbordes, Henri, rue de Rennes 121, Paris. Coleopt.

Desbrochers des Loges, Jules, Entomologiste, Tours (Indre et Loire), 23 rue de Boisdenier. Curculionides et Brenthides du globe. Buy, sell and exchange.

Deschange, Emil, Entomologiste, Longuyon (M. Moselle). Lepid., Cocoons. Buy, sell or exchange.

Des Cloizeaux, Prof. Min. au Muséum d'Histoire Naturelle, rue Monsieur, 13, à Paris. Geol.

Deslandres, M., Paris. Ast.

Deussault, Philibert, Dessinateur Géographe, rue de la Verrerie 67 et 71, Paris. Geog.*

Devaux, Henri, Maître de Conférences, à Bordeaux (Gironde). Veg. Physiol.

Devéria, Jean Gabriel, boulevard Pereire, 15, Paris. Arch., Eth., Ethnog. Deyrolle, Gabriel, Naturalist de la Maison, "Les Fils d'Emille Deyrolle."

46 rue du Bac, Paris. Zool., Geol., Bot., Anat., Mic. C. of Coleoptera, Conchology, Lepidoptera, Mammals, Birds, Reptiles, Fishes, Osteology. Fossils, Min., Rocks, Optique Mineralogique.

Ditte, Alfred, Prof, Chem. à la Faculté des Sci., de Paris, 9 rue du Val de

Grace, Paris. Min., Chem., Metall., Physics.

Dollé, Maurice, rue Chenizelles 2, Laon. Coleopt.

Dollfus, Adrien, rue Pierre-Charron 35, Paris. Crustacea, esp. Isopoda.*

Dollfus, Dr. Gustave, 45 rue de Chabrol, Paris.

Donckier, H., place Denfert-Rochereau 20, Paris. Ent., Livres d'Ent., Coleopt., Lepid. Vente et achat.

Dorveaux, Dr., Bibliothécaire de l'Ecole de Pharm., 4 ave. de l'Observatoire, Paris. Bibliog.*

Douliot, Henry, Préparateur de Bot. (Anat.), Mus. d'Hist. Nat., 61 rue de Buffon, Paris. Bot.

Doumerc, Jean, Ingénieur civil des Mines, 25, rue Corail, Montauban (Tarn-et-Garonne). Geol.

Doumerc, Paul, Ingénieur civil, rue Alsace-Lorraine, 36, Toulouse (Haute Garonne). Geol.

Douvillé, Henri, Ingénieur en Chcf des Mines, Prof. de Palæo., l'Ecole des Mines, 207, boulevard St.-Germain, Paris. Palæo., Geol.*

Dru, Léon, Ingénieur civil, rue Pierre-Charron, 60, Paris. Geol.

Dubois, Dr. Raphaël, Prof. de physiol. générale et comparée à la Faculté des Sciences de Lyon; Membre de la Soc. de Biol., et de l'Acad. phys. Méd. de Florence; Faculté des Sciences, Lyon. Gen., Biol

Dufour, Léon, Docteur ès sciences, Dir. adjoint du Lab. de Biol. veg. de Fontainchleau, Avon (Seine et Marne) à la Sorbonne, Paris. Bot.* Dupont, A., Château d'Alménèches par Alménèches, Orne. Ent., esp.

Coleopt.

Durand, Lieutenant-Colonel d'infanterie de l'Armée territoriale, avenue

Marceau, 45, Paris. Geol.

Duruy, Jean Victor, Membre de l'Inst. de France (Acad. Francaise, Acad. des Sci. Morales et Politiques; Membre libre de l'Acad. des Inscriptions et Belles-Lettres), Auteur de Histoire des Romains, Histoire des Grecs, Histoire de France, etc., etc., 5 rue de Médicis, Paris.

Dutilleul, Georges, Prep. Fac. Sci., Lille. Vermes.

Duval, Clotaire, Sec. Général de la Soc. d'Hort. de Melun et Fontainebleau, Fontainebleau (Seine-et-Marne). Bot.*

Edgecomb, Daniel W., 29 rue Boissiere, Paris. Mic., Ast.

Estourbeillon (Comte Régis de L'), 24 rue du Drezen, à Vannes. Arch. Euthyme, Le Frère, Inst. des Petits-Frères de Marie, St. Genis-Laval près Lyon. Coleopt., Min., Geol., Arch., Con.

Exibard, J., cours Saleya 15, Nice, Préparateur Naturaliste, Médaille d'Argent à l'Exposition Universelle, Paris, 1889. Ichthyol. Faune du midi de la France, Oiseaux, poissons montés, crustacés, mollusques, cephalopodes, coquilles, reptiles, etc. Achat et vente. Fabre, G., Inspecteur des Forêts, 26 rue Ménard, Nîmes. Bot., Geol.

Fabre, G., Inspecteur des Forêts, 26 rue Ménard, Nîmes. Bot., Geol. Fabre-Domergue, Dr. ès Sci., 124 boulevard Montparnasse, Paris. Mic., Protozoa.

Fages, Réceveur de l'Enregistrement, Grenadi, H. Garonne. Ex.

Fairmaire, Léon, rue du Dragon 21, Paris. Coleopt., Hymenopt., Hemipt.

of Europe. C. Ex.

Fallot, Docteur en Méd., Dr. ès Sciences Nat., Prof. à la Faculté des sciences, Dir. du Mus. d'Hist. Nat., rue Turenne 56, Bordeaux (Gironde). Geol.

Falsan, Albert, Saint-Cyr au Mont-d'Or (Rhône). Geol.

Farge, Dr. en Méd., Angers (Maine-et-Loire). Geol.

Fauconnet, Mary-Louise, à la Frette, prés Autun. Coleopt., spec. Longicornes of the World. C.

Faupin. F., Officier d'Acad., Prof. des Sciences physiques et naturelles à

l'école normale primaire, Blois. Gen. Nat. Hist. Faurot, Lionel, 4 rue de Commaille, Paris. Micro-Photog., Geol. Dist., Emb., Invert. Anat., Histol., Radiates, Sponges.

Fayol, H., Dir. Gen. de la Soc. de Commentry, 76 boulevard Malesherbes, Paris. Geol., Palæo.

Félissis-Rollin, Jules, rue de Rennes 106, bis, Paris. Coleopt.

Fevre, Ingénieur des Mines, place de la Préfecture, 12, à Arras (Pas-de-Calais). Geol.

Fiévet, Gustave, Pharmacien de 1ère Classe, Membre de la Soc. Chim. et de la Soc. d'Hygiène 53, rue Réaumur, et 29, rue de Palestro, Paris.*

Filhol, Henri, Sous-Dir. du Lab. des Hautes Etudes au Mus. d'Hist. Nat., Paris. Vert. Palæo., Vert. Anat. C. Ex.*

Finot, P. Adrien P., 27 Rue Saint Honoré, Fontainebleau (Seine et (Marne). Orthopt. C. Ex.

Fischer, Dr. Paul, aide nat. au Muséum, 68 boulevard St. Marcel, Paris.

Flahault, Charles, Prof. de Botanique à l'Université (Institut de Botanique), Montpellier. Crypt. Bot., Vegetable Anat., Physiol.

Fleutiaux, Ed., 1, Rue Malus, Paris. Coleopt., Cicindelidæ, Elateridæ.

C. Ex. Fliche, P., Prof. à l'Ecole Forestière, 9 rue St. Dizier, Nancy. Bot., Geol., Veg. Palæo.

Flot, Docteur ès Sciences, Prof. au Lycée Charlemagne, Paris. Bot.

Fockeu, Dr. Henri, Préparateur à la Faculté de Méd., Lille. Galles des plantes.*

Folin, Leopold-Guillaume-Alexandre, Marquis de, Membre de la Commission Scientifique des explorations sousmarines, de l'Acad, Royale des Sciences de Lisbonne, des Naturalistes de Moscou, de la Société Impériale et Royale de Zool. de Vienne, etc., etc., Commandeur de l'Ordre Royale et Militaire du Christ, Chevalier de plusieurs orders, etc., etc., Biarritz (Basses Pyrenées).

Forcapel, A., Ingénieur à la Cie P.L.M., rue Ste. Praxède 11, Avignon. Geol., Palæo.

Foucaud, J., Memb. de la Soc. Botanique de France, Jardin Botanique de la Marine à Rochefort-sur-mer. Flore de France et Muscari d'Europe.

Fournier, A., Préposé aux Collections d'Histoire Naturelle du musée de Niort (Deux-Sèvres). Geol.

Fouqué, Membre de l'Institut, Professeur au Collège de France, rue Humboldt, 23, à Paris. Geol.

Fournier, E., rue de Marengo, 61, à Marseille. Geol., Anth., Préhist-Arch., Moll. C. Ex.

Franchet, A., Cur. de l'herbier du Mus., 111 rue Monge, Paris. Bot: Phæn. Plants.*

Frossard (Charles), Pasteur de l'Eglise réformée, à Bagnères-de-Bigorre (Hautes-Pyrénées). Geol.

Gadeau de Kerville, Henri, Rouen. Zool.*

Gadeceau, Emile, Vice-Prés. de la Soc. des Sciences Nat. de l'Onest de la France et de la Soc. d'Hort. de Nantes. rue des Hauts Pavés 11, Nantes, Loire-Inférieure. Bot., Phæn. Plants.*

Gaillard, à Plouharnel, Morbihan. Antiq.

Gain, Edmond, au Laboratoire de Biol. de Fontainebleau, Prof., l'Instit.

Commercial de Paris. Bot., Org. Chem.*

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(Isère). Geol.

Nugue, l'Abbé A., à Couptrain (Mayenne). Coleopt., Esp. Genus Chrysomela. Desires to know some one who will exchange exotic beetles (Coleopt.) for French ones. Writes both English and French.*

Nylander, Dr. William, 61 passage des Thermopyles, Paris. Lichens.

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Oberthür, Charles, Rennes (Ille-et-Vilaine). Ent., Lepid. Possède les collections de Boisduval, de Guenée, de Graslin, de Constant Bar, de Bellier-de-la-Chavignerie, de Chr. Ward, etc. Publie les Etudes d'Entomologie, ouvrage, avec planches coloriées, exclusivement devoué aux Lépidoptères; Exchange of Lepid. from all parts of the world.*

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Herpetol., Coleopt., Hemipt., Orthopt. C. Ex.*

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Panau, Ch., Verdun (Meuse). Phænerogams, Mosses.

Parâtre, Réné, Argenton-sur-Creuse, Îndre. Herpetol. (Batrachians). C. Ex.

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Paulin, Médecin-Vétérinaire, St. Dizier (Haute Marne). Palæo.

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Raspail, Xavier, à Gouvieux (Oise). Zool., spéc. Orn. et Ool.*
Rataboul, Joseph, Moissac (Tarn-et-Garonne). Diatoms, Geol., Min. \mathbf{C} . Ex.

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Record, Notaire, Puycelcy (Tarn). Lepid., Coleopt. C. Regnard, Dr. Paul, Directeur-adjoint du Labor. de Physiol. de la Sorbonne, 224 boulevard St. Germain, Paris. Physiol.

Reinwald, C., et Cie., Libraires-Editeurs, rue des Saints-Pères 15, Paris.

Publishers of French Scientific Works, and Records of Experimental and General Zoology.*

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Renault, E., place de la Préfecture, Chaumont, Haute Marne. Lepid. Renoux, C. G., La Palisse (Allier). Bot., Phan. Plants, Mosses, Photog., Meteo., Ast., Arch., Ent., Coleopt. C. Ex.

Révil, Joseph, Pharmacien, à Chambery (Savoie) Geol.

Rey-Lescure, Philippe, Ville Boubon, à Montauban (Tarn-et-Garonne).

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Rossignol, L., rue Claude Vellesaux 6, Paris. Coleopt., Lepid., Shells, Stamps. Has a large number of Coleopt., of Lepid., and Shells of Europe, of Algeria, West Africa, India, etc., which he wishes to. ex. for those of the U.S. (South and West especially). Wants specimens in sawdust in great number, rare or common (Coleopt.). French and English correspondence solicited.

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Hellvig, Theodor, Grünberg in Schlesien, Lehrer, corr. Mitglied der Schlesischen Gesellschaft für vaterländische Cultur. Bot: Phæn. and Crypt. Plants, Ferns, Mosses, Fungi, Lichens. C. Ex.*

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Plants, Ferns, Mosses. C. Ex.*
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Hofmeister, Wilhelm, Bensberg b. Köln. Bot., Crypt. Plants, Ferns, Mosses, Fungi, Lichens, Diatoms, Chem., Mic. C. Ex.*

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Holtz, W., Ph.D., a. o. Prof. an der Univ., Greifswald. Phys.

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Stolk, J. B. van, Schie 23, Rotterdam. Lepid. Suringar, Dr. W. F. R., Prof. State Univ., Dir. Bot. Gard., Leiden. Bot., Dutch Flora, Alga.

Themaat, Dr. M. C. Ver Loren, Huize Schothorst, te Hoogland, hij Amersfoort. Algemeene Ent.

Tubergen, C. G. van, Jr., Haarlem. Bot: Phan. Plants, Hort., Mic. C. Ex. Corr. solicited on Bot. subjects.

Uijen, H, Priemstraat, Nijmegen. Lepid.

Verschaffelt, Dr. Ed., Assist. Bot. Lab., Peterkiesstraat 14, Haarlem.

Verster van Wulverhorst, F. A., Administrateur Mus. Nat. Hist., Rapenburg 40, Leiden.

Veth, Dr. H. J., Boezemsingel 118, Rotterdam. Coleopt. C. Ex. European for N. American specimens.*

Veth, Dr. P. J., Oud-Hoogleeraar, Villa Maria, Utrechtscheweg 22, Arnhem.

Vink, Johan P., C. of H. Duys, Nijmegen. Lepid.

Visser, P. C., Sec. R. Dutch Meteo. Inst., Utrecht. Phys., Meteo.* Vosmaer, G. C. J., Ph.D., Utrecht. Zool., Morphol., Emb , Anat.*

Vries, Dr. Hugo de, Member of the International Phytopathol. Commission; Prof. in the Univ. of Amsterdam. Phytopathol., Physiol., Biol. of Plants.

Vries, Johannes de, P. C. Hooftstraat 82, Amsterdam. Lepid. C. Ex.

Vuyck, L., Assist. Bct. Lab., Leiden.

Waals, J. D. van der, Prof., Univ., Amsterdam. *Phys.*Wasmann, Erich, S. J., Exacten, b. Roermond, Limburg. *Myrmecophi*lous and Termitophilous Insects, Coleopt. esp. Staphylinidæ. C.

Weber, Max, Prof. Zool., Amsterdam. Comp. Zool.

Weijtlandt, A. J., Westzaan. Coleopt.

Wenckebach, Dr. K. F., Utrecht. Morphol., Emb., Vert. Anat. Westmaa, E. A. de Roo van, Huize Daalhuizen, Velp. Lepid.

Wichmann, C. E. A., Prof., Univ, Utrecht. Min., Geol.

Wijhe, Dr. J. W. van, Prof. Anat., Rijks Univ., Groningen. Emb.. Morphol., Anat.*

Wijk, II. L. Gerth van, Leernar aan de Hoogere Burgerschool te Middelburg. Hymenopt. aculeata.

Wijsman, Dr. H. P., Prof. Pharm. and Toxicol., Univ., Leiden *

Wirtz, Dr. A. W. H., Dir. of the Veterinary College, and of the State Vaccine Establishment, Utrecht.*

Wulp, F. M. van der, Sec. Dutch Ent. Society, Trompstraat 154, The Hague. Ent.: Dipt. C. Ex.

NORWAY.

Appellöf, Dr. Ad., Conservator of the Mus. of Bergen. Zool. Arbo, Dr., Sanitäts major, Christiansand, S. Anth. Bahr, Henrik E. S., Stavanger. Zool.*

Bergström, H. A., Hort., Agric. Inst., Aas, Christiania.

Bjerkues, Prof. Dr. C. A., University, Christiania, Gronne Gade 6. Math.*

Björlykke, K. O., Geol. Survey of Norway, Christiania. Paleo., Geol. C. Ex.*

Blehr, F. W., Dr. jur., Christiania. Orn., Ool.*

Blytt, Axel, Prof., Univ., Christiania. Bot., Geog. Dist. of plants, Mycol., Geol. Time.

Boeck, Dr. Caesar, Christiania. Bacteriol.

Brögger, W. C., Prof. Univ., Christiania. Geol., Min.

Brunchorst, J., Dr. Phil., Curator of Mus., Dir. of "Naturen," Magazine of Nat. Sci., Bergen. Bot., Physicl., Fungi.

Buch, S. A., Sec'y of the Soc'y for promoting Norwegian fisheries, Bergen. Zool., Fishes.

Caspersen, Ove, Christiania. *Photog*. Collett, Robert, Prof. of Zool., and Dir. of the Zool. Museum of the Univ., Christiania. Vertebrates.

Danielssen, Dr. Daniel Cornelius, Chief Physician, Pres. of the Mus., Bergen. Marine Invertebrates. Ex. for the collection of the Museum.

Foslie, M., Cur. Mus., Trondhjem. Algology. C. Ex.*

Fridtz, R., Chem. Lab., Christiania. Bot. Friele, Herman, Dir. of the Museum, Bergen. Malacol. C.

Gade, Dr. F. G., Prosector of Hist., Demonstrator of Mic., Anat. Inst., Christiania.*

Geelmuyden, H., Prof., Univ., Christiania. Ast.

Gricg, James, Cur. Mus., Bergen. Zool.

Guldberg, Prof. Dr. Cato M., Univ., Christiania. Math.*

Guldberg, Fredrik Oscar, Dir. of Schools, Trondhjem. Gen. Biol., Orn.* Guldberg, Gustav A., Prof., Dr. Med., Dir. Anat., Univ., Christiania. Vert. Anat., Anth., Mammals, Cetology. C. Ex.*

Gustafson, G. A., Cur. of Mus., Bergen. Arch. Hagemann, Axel, Forstassist., Alten. Arctic Coleopt. C.

Hansen, Andreas M., Ph.D., Assist. at the Univ. Library, Christiania. Geol.*

Hansen, G. Armauer, Chief Physician, Bergen. Zool., Annelids, Marine Invert.

Heiberg, Prof. Hj., Univ., Christiania. Bacteriol.

Helland, A., Prof., Univ., Christiania. Geol.

Helliesen, Tor, Curator Stavanger Museum, Stavanger. Mammals, Orn., Ent. Natural objects for the coll. of the Mus. C. Ex.*

Hiorthdal, Th., Prof., Univ., Christiania. Chem.

Hjort, I)r. Johan, Christiania. Zool., Histol.

Holst, Dr. A., Christiania. Bacteriol.

Holtsmark, Bernt, Director, Agric. School Sem., Asker bei Kristiania Agric.

Kaalaas, Baard, Cand. real. Gjertsens skole, Christiania. Mosses. C.

Kiaer, F., M.D., Christiania. Mosses.

Koller, Th., Dir. Agric. Inst., Aas, near Christiania.

Landmark, A., Gov't Inspector of Fisheries, E.A.T., Christiania. Orn..

Landmark, Rev. J. R., Flakstad. Bot. C. especially of Arctic Zone.*

Landmark, J. T., Prof. Agric. Inst., Aas pr. Kristiania. Agric.

Misvaer, H., Drontheim. Bot.

Mohn, H., Prof. Dr., Univ., Christiania. Meteo. Nansen, Fridtjof, Ph.D., Christiania. Zool., Histol.

Nielsen, Dr. Y., Prof. Univ., Christiania. Ethnog.

Norman, J. M., Forstmæster, Larvik. Arctic Norwegian Phæn. Flora, Lichenol. C.*

Növik, Peter, Christiania. Ed. and Sec. of the Norwegian Hort. Soc. Phæn. and Crypt. Plants, Ferns, Hort. C.*

Oeyen, P. A., Christiania. Geol.

Olsen, Dr. Johan, Christiania. Fungi.

Pihl, O., C.E., Dir. Christiania Gas Works, Christiania. Ast.*

Reusch, Dr. Hans., Dir. Geol. Survey of Norway, Christiania. Geol., Lithol., Photog.*

Rygh, O., Prof. Arch., Univ., Christiania.

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Schiötz, O. E., Prof. Phys., Universität, Christiania. Geol., Phys.

Schmelck, Ludvig, Christian d. 4de Gade 4, Christiania. Min., Analyt. Chem., Mic. C. Ex.*

Schneider, Jacob Sparre, Con. Mus., Tromsö. Ent: Arctic Lepid., Crustacea, Moil., Geog. Dist. C.*

Schöyen, W. M., Cur. (Konservator) and State Ent., Zool. Mus., Univ., Christiania. Fungi, Ent.*
Schroeber, T. Fr., Univ. Observ., Christiania. Ast.*

Sebelien, John, Prof. Chem. and Physics, Agric. Coll., Aas pr. Christiania. Phys. and Agric. Chem. C. Chem. substances. Smith, K. F., Kistrand. Arctic Lepid. and Moll., Postage Stamps.

Steen, Aksel, Sec. Meteo. Inst., Christiania. Meteo.*

Storm, V., Cur. Mus., Trondhjem. Zool.*

Thesen, Oluf, Prof., Agric. Inst., Ass. Mic., Zool., Vert. Anat.*

Thomassen, T. Ch., Bergen. Norwegian Min. and Geol.

Thome, Johan, M.D., Fredrikstad. Birds and Eggs. Thome, Wilhelm, M.D., Stenkjer. Insects. C. Ex.

Tornoë, H., Univ., Christiania. Chem.

Torup, Dr. Sophus, Prof. Univ., Christiania. Physiol.

Vogt, J. H. L., Prof., Univ., Christiania. Metall.*

Waage, Prof. P., Christiania. Chem.

Wille, Dr. N., ord. Prof., Univ., Dir. d. Bot. Garten, Christiania. Bot: Fungi, Alga, Desmids. C. Ex.*

Zetlitz, K. A. L., Tönset. Anat., Zool.

PORTUGAL.

Bastos. Dr. Henrique Teixeira, Prof. of Fac. of Philos., Arcos do Jardin 15, Coimbra. Anth., Meteo.

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Campo Bello, Conde de, Acad. Polytechnic, Porto. Physic.

Carqueja, Bento, Dir. du Jardin Bot. de l'Ecole Normale de Porto et du journal "O Commercio do Porto." Phæn. and Crypt. Bot., Ferns, Geol., Min. C. Ex.*

Carvalho Monteiro, Antonio Augusto de, D.S., L.L.D., rua do Alecrim 70, Lisbon. Lepid. of the globe. C. Ex. Offers European, Brazilian, and African (from Portuguese colonies) spec. for those of Madagascar, India, China, Ceylon, Australia, N.A., etc.

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Costa Sequeira, Pedro Victor da, Insp. des Mines, Lisbon. Mines.

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Ferreira Roquette, Francisco, Prof, Eschola Polytechnica, Lisbon. Geol., Mines.

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Fonseca Monteiro, Severiano Augusto da, Prof. Inst. Industrial, Lisbon. Min.

Garrido, Dr. Antonio de Meircles, Prof. Physics, Pateo do Castilho 5, Coimbra. Elect., Optics.

Girard, Albert Alex., Conserv. du Musée Zool., Mus. d'Hist. Nat., Ecole Polytech., Lisbon. Malacol., Ichthyol. C. Ex.

Gomes, Dr. Francisco José de Sousa, Prof. Chem., Largo da Mathematica 4, Coimbra. Inorg. Chem.

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Luzo da Silva, Augusto, Prof., Lyceum, Oporto. Bot: Crypt.

Machado Guimaraes, Dr. Bernardino Luiz, Prof. Univ., Coimbra. Agric. Mattozo Santos, Fernando, Prof. Zool., Polytech. School. Zool. Mus., Morph., Emb., Anat., Herpetol., Histol., Ent., Myrio-Lisbon. poda.*

·Oliveira, Dr. Manoel Paulino de, Prof. Univ., Coimbra. Invert.* Pereira, Continto, Prof. Substitut de Bot., Ecole Polyt., Lisbon.

Pitta, Dr. José Pereira de Paiva, Prof. Portuguese Ecclesiastical Law, Univ. Coimbra. Philol.

Rodrigues, Dr. José Maria, Prof. Theol., Univ., Coimbra. Philol.* Santos Viegas, Dr. Antonio dos, Prof. Univ., Coimbra. Phys.

Tait, Wm. C., C.M.Z.S., Oporto. Mic., Zool., Orn., Ool., Inerpetol. Viégas, Dr. Luiz dos, Edificio da Univ, Coimbra. Anth. Vicire, Dr. Adriano Xavier Lopez, Prof. Medicine, Coimbra. Vert.

ROUMANIA.

Antipa, Gr., Dr., Mus., Bucharest. Zool.* Assaky, Georg, Prof. Dr., 25 Pensionnat. Bucharest. Emb., Anat. Cobalcescu, Gr., Prof. de Géol. et Min, Univ., Tassy. Geol., Palæo. Cosmovici, Dr. Leon C., 31 Strada Eternitate, Tassy. Prot. de Zool.,

Anat. comparée et de Fisiol., à la Faculté des Sciences de l'Univ.

Georgescu, Ilie, Hülfsarbeiter am botan. Institut, Bucharest.

Grecescu, Demetrius, M.D., Prof. à l'Univ. de Bucharest, Membre de plusieurs Societés, Bucharest, Strada Verde 5. Bot: Phæn. Plants.* Leon, Dr. N., Prof. de Zool. à la Faculté de Médicine de Tassy.

Licherdopol, Prof. J. P. (Bura), Chaussée Dorobanti, Bucharest. Bot C. Ex. fossils, moll. and rocks of all countries.

Papovici, A., Asst. am Botan. Inst., Bucharest.

Vladescu, Michel, Prof. de Bot., Univ., Tassy. Bot: Phan. and Crypt. Plants, Ferns, Fungi, Alga, Desmids, Gen. Biol. C. Ex.

RUSSIA.

(SEE ALSO RUSSIA IN ASIA.)

Agguéenko, Wladimir, Privat-docent à l'Univ. de St. Petersburg. Phæn Bot.*

Alexeyeff, Pierre, Prof. Univ., Kiew. Chem. C. Ex.

Anziferoff, Paul G., Dir. du Jardin Imp. à Nikita, Crimea. Hort., Zool., Orn., Tax., Ent.*

Ballion, Erneste, Conseiller d'Etat Actuel, Novorojsiisk sur la Mer Noire au Caucase. Coleopt. C. Ex.

Barfurth, Dr. Dietrich, Prof. Anat., Emb. and Hist., Dorpat. Gaste-ropods, Cyclostoma. Ex.

Bataline, Alexandre, Prof. and Dr., Jardin bot. Impériale, St. Petersburg. Bot.

Beck, Dr. Alexander, Prof. am Baltischen Polytechnicum, Riga.

Belajeff, Wladimir, Varsovie, rue Nowogrodzka 36, Jardin pomologique. Bot.

Belikoff, Serge, Colonel, Prof. de l'Ecole Militaire d'Alexandre, Moscow. Geol., Photog., Ast., Topog.*

Belopolsky, A., Pulkowa. Ast.

Bewad, Dr. T., Prof. Chem., Inst. of Agronomy and Silviculture, Norwaja Alexandria, Gouv. Lublin. Org. Chem.

Bianchi, Valentin, Curator Zool. Mus., St. Petersburg, Imperial Acad. Sci., Zool. Mus. Orn., Lepid., Coleopt., Qrthopt.

Biel, Dr. Johannes, Analyt. Lab., St. Petersburg. Analyt. Chem.*

Bispen, Théodor, Moika 42, Qu. 41, St. Petersburg. Lepid. Bobritzky, N., Prof, Zool. Zoot. Mus., Kiew. Emb., Invert. Bobylew, D., Prof. der Mechanik an der Univ. zu St. Petersburg.

Bogdanow, Anatole, Prof. Vert. Zool., Univ., Moscow, Dir. Zool. Mus. Gen. Biol., Anth.

Borgman, J. J., Prof. Physics and Electro-technics, Univ. und Techn. Inst., St. Petersburg.*

Borodine, Jean, Dr., Prof. de Bot. à l'Inst. Forestier et à l'Univ. de St. Petersburg. Bot., Mic.*

Bramson, K. L., Gymnasial Prof., Ekaterinoslaw. Coleopt. (esp. Carabidæ, Calosoma, Carabus, Cychrus), Lepid., Hymenopt. Ex. and for sale.

Brandt, Dr. Alex., Kharkov. Zool., Comp. Anat.*

Branke, Dr. von, Prof. Silviculture, Inst. Agronomy and Silviculture, Norwaja Alexandria, Gouv. Lublin. Silviculture, Fungi.

Bredichin, Dr. Theodor, Pulcowa Observ., St Petersburg. Ast.

Büchner, Eugen, Conservator am Zool. Mus. der Kaiserlichen Acad. der Wissenschaften zu St. Petersburg. Mammals.*

Buczinski, Pet., Odessa. Emb., Vert.

Bunge, Nicolaus, Prof. Technischen Chem. a. d. Univ., St. Vladimir, Kiew. Chem.*

Ceraski, Prof. W., Moscow. Ast.

Chmielewsky, Vincent, Prof. Bot., Inst. Agronomy and Silviculture, Norwaja Alexandria, Gouv. Lublin. Bot., Fungi, Algæ, Desmids, Hort., Bot. of forest trees.

Hort., Bot. of forest trees.
Cholodkovsky, Nicolas, Doct. en Zool., Prof. à l'Inst. forestier et à l'Acad.
imp. de Méd., St. Petersburg. Zool., Morphol., Emb., Invert. Anat,
Ent., Hemipt.*

Chroorostansky, C., Univ. St. Petersburg.

Chwolson, Orest, Prof. de Physique à l'Univ. et à l'Inst. Elect., St. Petersburg, W. O. 12 L. No. 7, Qu. 3. Physics, Elect., Meteo.

Clausen, Alex., Goursouff, Crimec. Hort.

Czerniawski, Prof., Suchum Kalé, Caucasus. Arch., Zool.

Dogiel, Alex., Prof. der Histol. u. Emb. a. d. Kaiserl. Univ., Tomak, Siberia. Emb., Ilistol.

Dokoutchaev, Basile, Prof. de Min., à l'Univ. de St. Petersburg.

Dostoiciosky, Dr., Prosect. Histol. and Embryol., Med. Acad., St. Petersburg.

Dubiago, D., Kasan. Ast.

Dziedzicki, Harry, M.D., N. 23 Chlodna Str., Warsaw, Poland. Mycetophilidæ.

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Famintzin, André, Prof., Membre de l'Acad. d. Sc. de St. Petersburg, Wassili Ostroff, 8th Line, No. 17.*

Faussek, Victor, Privat-docent de Zool. à l'Univ. de St. Petersburg. Emb., Invert. Anat.*

Fischer de Waldheim, Dr. Alex., Prof. ord. à l'Univ., Conseiller d'Etat actuel, Varsovie, Jardin Botanique. Bot., Fungi.

Fortunatow, Dr. A. M., a. o. Prof. Anat., Univ., Kasan. Ganin, Dr. M., Prof. Dir. Zool. Samlg., Warsaw. Spongilla.

Glasenapp, Maximilian, Prof. am Polytechnicum, Riga. Chemische Technologie, Waarenkunde, Photog.*

Gobi, Christophorus, Prof. Dr., Univ., St. Petersburg. Crypt Bot. Godlewski, Emil, Prof. an der Univ., Krakau. Physiol. of Plants.

Golowine, E., Zool. Lab., Univ., St. Petersburg. Emb.

Goronowitsch, N., pract, Arzt, Kaiserliche Naturforschende Gesellschaft zu Moskau. Zoomorphologie.

Grabowski, Nicolaus, Władikawkas, Caucasus. Bot., Hort.

Grimm, Dr. Oscar von, St. Petersburg, Inspector der Fischereien Russlands, Redacteur der Russ. Fischerei Zeitung. Ichth., Biol.*

Grinenko, Alexander, Untersuchungsrichter, Smolensk. Privat Sternwarte. Astrophysik, Astrophotographie. C.*

Grosglik, S., Warsaw.

Herzenstein, Salomon, Conserv. Zoolog. Mus. Imperial Acad. Sci., St. Petersburg. Fishes, Arctic Marine Mollusca.*
Heyer, Bernhard, Riga, rue des Ecaries 22. Bot., Fungi, Org. Chem.,

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Hinzenberg, Albert, Tiflis, Jardin Botan. Hort.

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Inostranzew, Alexandre, Prof. de Géol. à l'Université de St. Petersburg. Ivanitzkij, Nicolas, Kadnikov, Wologda. Bot: Phæn. and Crypt. Plants, Ethnog. C. Offers a small coll. of plants of No. Russia. Ivanow, Alexis, Moscow. Strat. Geol.

Jashtchenko, Alexandre, Cur. Zool. Cabinet, Univ., St. Petersburg. Geog. Dist., Orn.*

Jeremejev, Paul, Membre-correspond. de l'Acad. des Sciences de St. Petersburg, Ingénieur des mines, Pref. de géol. à l'Univ. de St. Petersburg.

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Kastschenko, Nicolas, Prof. de Zool., Tomsk, Siberia. Emb., Mic., Gen. . Zool, Ent., Orn., Ool., Ichth., Moll., Worms. C. Ex.*

Kennel, Dr. J. v., Prof. d. Zool., Dorpat. Planaria, Peripatus, An-

ï

Kislakowski, Eugene, Univ., Min. Mus., Moscow. Min.

Kleiber, Dr. J., St. Petersburg. Ast.

Klinge, Johannes, Privat docent der Bot. and der Univ., Dir. Bot. Garten in Dorpat. Telmatol.

Klossovsky, Alexander, ordentlich Prof., Univ., Odessa. Phys. Geog. Knipowitsch, Nicolaus, Zootomical Lab., Univ., St. Petersburg. Emb., Comp. Anat., Zool. Geog.*

Knüpffer, Paul, Dorpat. Acanthoceph.

Konanawitch, Prof. A., Ohs., Odessa Ast.

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Kowalevsky, Alex., Prof. Univ., St. Petersburg. Zool., Emb. Kroustchoff, Dr. K. de., Mus. Min. de l'Acad. Imp. des Sciences. St. Pe-

Krulikowsky, Leonid, Malmisch, Guv. Wiatka. Lepid., Orthopt., Herpetol., Mollusca rossica.*

Kuczynski, Antoni, Physiol. Lab., Univ., Warsaw. Histol.*

Kulagin, Nicolas, Privat-docent, Univ., Musée Zool., Moscow. Zool., Gen. Biol., Geog. Dist., Morphol., Emb., Invert. Anat., Herpetol., Histol., Ent., Hymenopt., Worms. C. Ex.

Kultschitzky, Dr. N. K., Prosector d. Histol. Univ., Charkow.

Kuphaldt, Georg, Dir. des Jardins publiques, Riga, Jardin Imperial. Bot: Phæn. Plants, Hort.

Kusnetzoff, Innocent, Great Prospect 8, Wasilii Ostroff, St. Petersburg. Gen. Biol., Geog. Dist., Ichth.*

Kusnezow, Nikolai, Conserv. Bot. Gart., St. Petersburg. Bot: Phan. Plants, Ferns, Veg. Palco., Geog. Dist. des Plantes.

Lahusen, Joseph, 1 rof. de Paléont. à l'Inst. des Mines, Ingén. des mines, St. Petersburg.

Lindemann, Dr. Edouard von, Dr. Med. et Botan. honor., Elizabethgrad, Gour, Cherson. Phæn. Bot. C. 26,900 specimens.

Lindemann, Eduard, Wissenschaftlicher Secretair der Sternwarte, Pul kowa, near St. Petersburg. Ast., especially Photometric.

Loewenton, Joseph Wladimirowitsch, Kaiserlicher Garten zu Nikita, Yalta (Krim.). Hort.

Lorinshoff, Freytag von, Neschin. Butterflies and Beetles of middle section of Russia. C. Ex.

Lwoff, B., Privat-docent d. Univ., u. Asst. Cab. Vergl. Anat., Moscow. Amphioxus.

Marinza, Dr. N., Assist. in Chem., Inst. of Agronomy and Silviculture, Norwaja Alexandria, Gouv. Lublin. Inorg. Chem., Meteo.

Mayzel, W., Warsaw. Vermes, Helix.
Medwiedeff, Jacques, Botanist, Tislis, Caucase.
Mosses, Oriental Numis. C. Ex. Phæn. Bot., Ferns,

Melnikoff, N., Prof. Zool., Kasan.

Menschutkin, Nicolas, Prof. Chem., Kaiserliche Univ., St. Petersburg.

Mestchersky, Prof., St. Petersburg. Ast. Metz, Georg de, Univ., Odessa. Phys. Meyer, Dr. Eduard, Warsaw. Annelids.

Mitrofanow, P. J., Moscow. Hæmatozoa.

Monteverdé, Nicolas Augustin, Corpsforestier, St. Petersburg. Pot.

Mouschketow, Jean W., Ingén. des Mines, Prof. de géol. à l'Institut des Mines, St. Petersburg. Min., Lithol., Mic., Geog. Dist. C. Ex. Musbaum, Dr. Joseph, rue Maryanska 10, Varsovie. Emb.

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Nikitin, Serge. Géol. en chef, Paléont., Comité Géol., St. Petersburg. Invert. Palœo., Geol., Bibliog., Moll.

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Oettingen, Arthur von, Prof. Physics, Univ., Dorpat. Physics, Mus. Acoustics, Elect., Photog., Meteo.

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Owsjannikow, Ph. W., ord.-Prof. Univ, St. Petersburg. Histol., Emb., Vert.

Paschkewitsch, Wassilij, Yalta Jardin Imperial à Nikita, Crimea. Phants, Gen. Biol., Hort., Pomol.*

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Pereyae Gwzewa, Dr. Sophie, Wassil Ostrow, Kadet. linie, 21, log. comte Suzor, St. Petersburg. Zool.

Petersen, Wilhelm, Conservator am Mus., Reval (Estlaud). Lepid. of the World. C. Ex.

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Derry, Robert, Asst. Supt. Forest Dept., Malacca Bot. Garden, Malacca, Straits Settlements. Bot.

Dey, Kanny Lall, Rai Bahadoor, C.I.E.; G.M.C.B.; 4 Beadon St., Calcutta. Bot., Chem., Phys., Elect., Mic., Photog., Hist. C. Indigenous Drugs.*

Dey, Preo Lall, F.C.S. (Fellow Chemical Soc. London); Memb. Pharmaceutical Confer. and Soc. of Chem'l Industry, London; Manufacturer of Non-Alcoholic Lime Juice. 4 Beadon St., Calcutta. Chem. Phys., Elect., Mic., Photog.*

Doyle, P., 19 Lall Bazar St., Calcutta. Ast.

Duthie, J. F., B.A., F.L.S., Dir. Botanical Dept., Northern India, Saha-ranpur (N. W. Prov.). Bot.*

Eccles, Jesse, Army Schoolmaster, "King's Own," Nasirabad, Rajputana.

Orn., Ool., Numis, Philately. C. Ex. esp. Philately.*

Fischer, Robert, B.L., F.R.S.L., F.A.S.L. (Barrister-at-Law; Lincoln's

Inn), Madura, Madras. Anth.*

Foulkes, Rev., T., Retired Chaplain, Salem, Madras.

Fex, Walter, Asst. Supt. Garden and Forest Dept., Botanic Gardens, Singapore. Bot., Hort.*

Fraser, O. L., 2nd Asst. to the Supt., Indian Museum, Calcutta. Vert. Gamble, J. Sykes, M.A., F.L.S., Dir. Imp. Forest School, Dehra (N.W. Prov.). Bot: esp. Bamboos.

Giles, G., Surg., Laurence Asylum, Souawar, Simla.

Gleeson, John M., Supt., Agri.-Horticultural Gardens, Teynampett, Madras. Bot., Hert., Mic., Emb., Hemipt.*

Gollan, Wm., Supt. Govt. Botan. Gardens, Saharanpur, N.W.P. Bot., Mosses, Hort. C. Ex.*

Goodenough, James S., Asst. Supt. Gardens and Forests, Malacca. Bot., Elect. C.*

Government Central Museum, Edgar Thurston, Superintendent, Madras.

Greisiger, Dr. Michael, Szepes-Béla. Orn., Coleopt.

Griesbach, C. L., C.I.E., F.G.S., Geol. Survey of India, Geol. Survey

Office, Calcutta. Hauxwell, T. A., Maulmein, Burma. Orn., Lepid, Coleopt. C. Ex.

Haviland, George D, M.A., M.B. Cantab., M.R.C.S., London, Cur. Raffles Mus., Singapore. Bot., Geog. Dist., Eth., Mam., Orn., Herpetol., Hymenopt.*

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Hira, L., Sub-Asst. Surveyor, Geol. Survey of India, Indian Mus., Calcutta.

Hughes, Theo. W. H., C.E., A.R.S.M., F.G.S., Geol. Survey of India Calcutta.

Indian Museum, Calcutta. Vert., Invert., Arch., Eth.

Jayakar, S.A.G., Surgeon, Lieut. Col. H.M. Indian Army, Muscat, Arabia.

Mic., Photog., Zool., Philol., Mammals, Ichthyol. Kennedy, Wm. A., Curator, Lloyd Bot. Garden, Darjeeling, Calcutta. King, Dr. Geo., C.I.E., Supt. of Royal Bot. Gard., Shibpur, Calcutta.

King, Wm. B.A., D.Sc., F.G.S., Dir. Geol. Survey of India, Calcutta.

Kirtikar, K. R., Surgeon Major, I.M.S., M.R.C.S. (Eng.), L.R.C.P

(Lond.), Civil Surgeon, Shana, near Bombay. Rot: Crypt. Plants, Veg. Paleo., Mic., Anth., Arachnida, Protozoa. C. Er.

Kishen, S., Sub-Asst. Surveyor, Geol. Survey of India, Indian Mus., Calcutta.

Lace, John H., F.L.S., Forest Dept., Punjab. Bot: Phon. Plants, Ferns. C.

La Touche, T. H. D., B.A., Geol. Survey of India, Calcutta. Lawson, M. A., M.A., F.L.S., Gov't. Bot., and Dir. Gov't Cinchona Plantations, Ootacamund, Madras.

Lee, W. A., 38 Strand, Calcutta. Mic., Ast., Gen. Biol. C. Mic. Marshall, Col. G.F.L., R. E., Secretary of the Govt. Punjab, P.W.D., Simla. Orn., Lepid. (Rhopalocera).

Middlemiss, C. S., Geol. Survey Office, Calcutta.

Mysore Government Museum, Supt., J. Cameron, F.L.S., Curator, B. Santappah, Bangalore *

Nicéville, L. de, F.E.S., C.M.Z.S., 13 Kyd St., Calcutta. Lepid. Offers to ex. Asiatic Rhopalocera, or books on the same, for his "Buttor-

flies of India, Burmah and Ceylon." Nicholson, William Robert, Barrack Master, Military Works, Bombay. Lepid., Philately. C. Ex. Oceana stamps in particular.

Noeting, F., Ph. 1)., Palæontologist, Geol. Survey of India, Calcutta.* Oldham, R.D., A.R.S.M., F.G.S., Geol. Survey of India, Indian Mus., Calcutta.

Pantling, R., 1st Assist., Government Cinchona Plantations, Mungpoo, Sikkim.

Parker, I., Serampore, Bengal. Orn. Ex. Birds' Eggs.

Parkes, Joseph, 2nd Assist. Government Cinchona Plantations, Mungpoo, Sikkim.

Pedler, A., F.I.C., Prof. Chem., Presidency Coll., Calcutta, Metoo. Reporter to Govnt. Bengal, 5 Russell St., Calcutta.

Peel, S. E., Sibsagar Asam. Ast.

Phipson, H. M. (C.M.Z.S.), Hon. Sec. Bombay Nat. Hist. Society, (1) Apollo St., Bombay. Vert., Snakes.
Pogson, Miss E. Isis, F.R. Met. Soc., Metco. Reporter to the Gov. of

Madras, Nungumbankum, Madras.

Prain, D., M.A., M.B., Cur. Herbarium, R. Bot. Gardons, Shibpur, near Calcutta. Bot.*

Proudlock, Robert L., Curator, Royal Bot. Gard., Seebpore, Calcutta. Bot., Hort.*

Reid, Geo., Naini Tal, Kumaon. Orn.

Ridley, Henry N., M.A., F.L.S., Dir. Gardens and Forests, Straits Settlements, Bot. Gardens, Singapore. Phan. Plants, East Indian Plants, Orchids. C. Ex. East Indian Plants.

Ridley, Matthew, Supt. Govt. Gardens, Lucknow. Bot., Hort.

Scully, J., Surg-Major, Assay Master, Calcutta Mint. Vert., Orn., Mam. Smythies, A., B.A., Deputy Dir. Imp. Forest School, Dehra Dun (N.W. Prov.). Formicida. C. Will ex. Indian Ants for Ants from any part of the world.*

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Wroughton, R. C., Forest Dept., Bombay. Myrm. (Ants).

JAPAN.

Andrews, Rev. W., Hakodete. Lepid.*

Boeddinghaus, C. E., Nagasaki. Coleopt., Lepid., Shells, etc. Collection of beetles and shells.

Fujii, K., Science Coll., Imperial Univ., Tokio. Bot., Gen. Biol.*

Goto, Seitaro, Zool. Inst., Imperial Univ., Tokio. Zool., Worms.* Gulick, Rev. John T., Ph.D., Osaka. Gen. Biol., Geog. Dist., Moll. C. (shells). Ex. L., F.W. and M. Shells of Japan, and L. Shells of Hawaiian Is.*

Hori, Shotaro, Agric. Exper. Station, Tokio. Bot: Fungi, Phyto-Pathel. C. Ex.*

Ichikawa, W., Science Coll., Imperial Univ., Tokio. Fungi.

Ijima, I., Ph.D., Prof. Zool., Science Coll., Imperial Univ., Tokio. Zool.

Ikeda, S., Agric. Coll., Imperial Univ., Tokio. Zool., Amphibia.

Ikeno, S., Assist. Prof. Bot., Agric. Coll., Imperial Univ., Tokio Vegetable Anat.*

Isawa, S., Pot., 50 Dairokutencho Koishikawa, Tokio.*

Ishikawa, C., Ph.D. (Freiburg, Germany), Prof. Zool., Agric. Coll., Imperial Univ., Tokio. Zool: Cells.*

Ito, Shinrokuro, Rigakushi, 11 Hisakatamachi, Koishikawa, Tokio.

Chem., Tech.

Ito, Keisuke, D.Sc., Memb. Imp. Acad., Tokio, 14 Masagocho, Hongo, Tokio. Bot.*

Ito, Tokutaro, F.L.S., 83 Shichikencho Nichomé, Nagoya, Aichiken. Bot., Gen. Biol.*

Iwakawa, T., Prof. Zool., Higher Normal Sch., Tokio. Zool.

Jimbo, Kotora, Geol. to the Hokkaidocho, Imperial Univ., Tokio. Geol.

Kada, Teichi, Geol. and Mining Eng., Chiofu, Nagato, Yamaguchiken. Geol., Min.

Kametaro, Toyama, Agric. Coll., Imperial Univ., Tokio. Zool.*

Kato, H., President Dept. Law, Sci. and Lit., Univ., Tokio Daigaku, Tokio.

Kishinouye, K., Science Coll., Imperial Univ., Tokio. Zool., Arach., Cælenterata.

Kuwabara, M., M.E., Care of Messrs. Fujita and Co., Osaka. Min., Metall.

Loew, Oscar, Ph.D., Tokio (Komaba). Agric. Chem.*
Loomis, Rev. Henry, Yokohama. Ent., Hymenopt., Lepid., Dipt., Orthopt., Coleopt., Hemipt., Neuropt., Crustacea, Mollusks. C.* Matsubara, Shinnosuke, Lect. Biol, Imper. Univ., Tokio.

Matsuda, S., Science Coll., Imperial Univ., Tokio. Bot.

Matsumura, Jinzo, Prof. Bot., Dir. Bot. Garden, Science Coll., Imperial

Univ., Tokio. *Phæn. Plants.*Mitsukuri, Kakichi, Ph.D. (Balto.), Prof. Zool., Science Coll., Imperial Univ., Tokio. Zool., Morphol., Emb.*

Miyabe, Kingo, S.D., Sapporo Agric. Coll., Sapporo. Bot: Phan. Plants, Fungi, Algæ. Ex.*

Nakamura, Kiohei, Fukushima-ken. Phys., Math.

Namiye, M., Science Coll., Imperial Univ., Tokio. Zool., Vert.

Nawa, J., Normal Sch., Gifu, Mino. Ent.

Nozawa, Shunjiro, Fishery Dept. of the Hokkaidochs, Sapporo. Ichthyol. Ex.

Okamura, K., Science Coll., Imperial Univ., Tokio. Marine Alga

Okubo, S., Assist. Prof. Bot., Science Coll., Imperial Univ., Tokio,

Sasaki, S., Rigakuhakushi, Prof. Zool., Agric. Coll., Imperial Univ., Tokio. Zool., Sericulture.

Saida, K., Prof. Higher Normal School, Tokio. F. W. Alga.*

Shimomura, Kotaro, B.Sc., Prof. Chem., Harris School of Sci., Doshisha, Kyoto. Chem., Physics.

Shirai, M., Assist. Prof. Bot., Agric. Coll., Imp. Univ., Tokio. Phytopathol.

Shunjiro, Nozawa, Fishery Bureau, Hokkaidocho, Sapporo. Ichth., Moll.*

Takagi, Prof. T., Educational Mus., Tokio. Min.

Thouve, T., 11, Higashikobaichio Surugadai, Tokio. Ophthalmology.

Tsuboi, S., Science Coll., Imperial Univ., Tokio. Anth. Wakabayashi, K., Science Coll., Imperial Univ., Tokio. Anth., Arch.

Yokoyama, Matajiro, Geol. Survey, Tokio. Geol., Veg. Pulæo. Yoshida, Hikorokuro, Rigakushi, Ph.D., Asst. Prof. Chem., Science Coll., Imperial Univ., Tokio, Chemist to the Govt. Printing Bureau, Tokio, Member Soc. Chem. Industry, Fellow Chem. Soc. (London), Tokio.

SIAM.

Haase, Dr. Erich, Dir. R. Siamese Mus., Bangkok, Siam (formerly Privat-Docent Zool. Univ., Königsberg). Biol., Morphol.*

RUSSIA (IN ASIA).

Abels, Hermann, Dir. Magnetical and Meteo. Observ., Yekaterinboorg.

Earth Magnetism, Meteo., Hypsometry.

Clerc, G. O., Sec. de la Soc. ouralienne des Sci. nat., membre corresp. de l'Acad. des Sci. de New York, de Smithsonian Inst., Membre actif ou corresp. de plusieurs Sociétés russes, suisses et françaises, Yekaterinboorg. Phæn. Plants, Meteo., Arch., Herbier. de l'Oural. Karo, F., Nertschinsk. Bot: Phæn. Plants. C. Will sell.

Krause, Hieronimus, Taschkent. Pharm., Bot. Mauritz, Tatiana, Nertschinsk. Bot., Hort.*

Müller, Paul, Ph.D., Assist. Dir. Magnetical and Meteo. Observ., Yekaterinboorg. Earth Magnetism, Meteo.

Oschaninn, Basil, Dir. Tashkent Gymnasium for Girls, Tashkent. Hemipt., Geog. Dist. C. Ex.

Skalozooboff, Nicolas, Candidar Agron. Krasnoufimsk, Gov. of Perm. Bot., Geog. Dist.

Slowzow, Ivan Jakovlevitsch, Dir. de l'Ecole réale, Tumèn Tobolskaja Goubernia, Siberia. Bot., Zool., Arch. C. Ex.

Wilkins, Alexander, Exper. Agric. Station, Tashkent. Gen. Biol., Geog. Dist., Anth., Ent.

TURKEY (IN ASIA).

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Sikora, E., Beyrout, Syria. Zool.

AFRICA.

ALGERIA.

Albison, Prof., Constantine. Bot.

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Benoit, Dr. en Med., Arba. Hemipt.

Blanc, Marius, Naturaliste, Tunis. Tax., Mam., Orn., Reptiles, Crust.,

Insects. Sell and Ex. Chardonnier, V., Hamma. Bot.

Coutan, André, Cherchell. Bot: Phan. Plants, Ferns, Moll. C. Ex.*

Debray, Prof. à l'Ecole Superieure des Sciences, Alger. Bot.*

Denis, C. P., Capt. d'Artillerie, Alger. Coleopt.

Doumergue, Prof., Oran. Bot., Herpetol.

Doutté, Ed., Attaché au gouvern. génér., Alger. Moll.

Dubiez, Instituteur, Duvivier. Bot. C.

Ficheur, Prof. de Géol. à l'Ecole des sciences, rue Michelet 69, à Alger-Mustapha.

Flamand, Préparateur, chargé de conférences á l'Ecole supérieure des sciences, à Alger-Mustapha.

Foubert, Eug., Oran. Mammals, Birds.

Gay, Hyppolyte, Membre de Comité d'Etudes de la Soc. Française de Bot., Instituteur à Crescia. Bot: Phæn. Plants, Hort. C. Ex. Seeds.*

Gentil, Préparateur à l'Ecole des Sciences, à Alger.

Gouin, Henri L., Commissaire Equêteur du Service de la Propriété Indigène, rue de Michelet 37, Agha-Superieur. Geol., Min., Living Moll., M., L. and F. W. Shells. C. Ex.*

Gouvion, Fortuné, Alger. Bot.

Grandjean, Instituteur, Ain-Temouchent. Bot.

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Jobert, Constantin, Pres't du Tribunal, Blida. Coleopt.

Lallemant, Charles, Pharmacien à l'Arba. Bot., Coleopt., Hemipt., Orthopt., Moll. C. Ex.

Lapeyre, A., Constantine. Coleopt.

Lemoine, Oran. Ent.

Mathieu, Paul, Boulevard Seguin 22, Oran. Coleopt.*

Moisson, Avocat, Oran. Ent., Con.

Pallary, Paul, Prof. (Eckmühl-Noiseux), Oran. Vert. Paleo., Geol., Invert. Anat., Anth., Eth., Moll. C. Ex.*

Pomel, A., Correspondant de l'Institut, ancien Sénateur, Dir. du service géol. de l'Algérie, Dir. honoraire de l'Ecole des Sciences, rue Rovigo, 72, à Alger.

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Tournier, Alf., Oran. Con. C.

Viguier, Dr. Camille, Dir. Zool. Station, Alger. Echinod., Invert., Anat.

CANARY ISLANDS.

Maffiottey La-Roche, Miguel, Luz 108, Sta. Cruz de Teneriffe (Teneriffe). Wildpret and Schenkel, Orotava, Canary Islands. Horticulturists.*

CAPE COLONY.

Bairstow, S. D., F.L.S., Cradock. Mollusca, Lepid., Osteol., Coleopt. C. Ex.*

Bolus, H., Kenilworth, near Cape Town. Bot.*

Brady, J. H., M.A. (Oxon.), Department of Public Education, Cape Town. Coleopt. C. Ex. Coleopt. except European, wanted in ex.

Brown, J. G., New Market, North End, Port Elizabeth. Mammals, Orn., Tax. C. Ex.*

Butters, J., Curator St. Park, Port Elizabeth. Bot. C. Ex.

Chaplin, G. I., Port Elizabeth. Moll. C. Ex. Chaplin, John Gauntlet, Port Elizabeth Con.

Craib, Jas., M.A., Prof. Math. and Nat. Sci., Somerset East. Bot., Physics. C. Ex.*

Crawford, James, care of J. C. Kemsley & Co., Port Elizabeth. Mollusca.

Diège, I. L., Port Elizabeth. Aves.

Edington, Alexander, M.B., C.M., F.R.S.E., F.R.P.S.E., Dir. Colonial Bacteriol. Inst., Grahamstown. Bot: Fungi, Alga, Mic., Photog., Gen. Biol., Physiol., Pathol., Histol.*

Farquhar, D., 33 Upper Hill St., Port Elizabeth. Mollusca. C. Ex.*

Farquhar, J., Port Elizabeth. Bryozoa.

Fisk, Rev., Cape Town. Rept.* Fraser, D. D., Western Road, Port Elizabeth. Geol. and Palao. of Cape Colony.*

Gill, David, LL.D., F.R.S., Hon. F.R.S. (Edinburgh), F.R.A.S., Corr. Memb. Acad. of Sciences, Berlin, St. Petersburg, etc., H. M. Astronomer, Royal Obs., Cape of Good Hope.*

Hallack, R., Port Elizabeth. Bot.

Lesley, J. M., Port Elizabeth. Reptilia, Min. C. Ex.

Lightfoot, Robert M., Bree St., Cape Town. Coleopt: esp. Cicin., Carab., Hister., Longicornia. C. Ex. Cape for those of other countries. Mac Donald, A. C., M.R.A.C., F,H.A.S., Agricultural Assistant, Dept.

of Agric., Grahamstown.*

MacOwan, Peter, F.L.S., F.R.H.S., Government Botanist, Cur. Cape Gov't Herbarium, Capetown. Bot: Phæn. and Crypt. Plants.*

Marloth, Rudolf, Ph.D., M.A., Capetown. Bot., Chem., Mic.*

Muir, Thos., M.A., LL.D., F.R.S.E., Superintendent-General of Education, Capetown. *Math.**

Péringuey, L., Asst. Cur. S. African Mus., Cape Town. Ent. C.*

Perrins, G. R., Port Elizabeth. Mic.

Roth, Jean, Naturalist and Collector, Port Elizabeth. Geol., Gen. Zool.

Rous, H., Port Elizabeth. Coleopt. C. Ex.

Schönland, Selmar, Hon. M.A., Oxon., Ph.D., F.L.S., Curator Albany Museum, Grahamstown.

Shopland, E. R., Com'd'r R.I.M., Aden. Moll., esp. Cypida, Oliva, Cones and Harpa. C. Ex.*

Sim, Thos. R., Curator Bot. Garden, King William's Town. Bot: Phan. and Crypt. Plants, Ferns, Hort. C. Ex.*

Smith, J. C., Curator Gardens and Public Parks, Graaff, Reinet.

Stroud, Dorothy, Pretoria, S.A.R. Ferns, Geol., Min., Lithol., Articulates, Ent., Hymenopt., Lepid., Dipt.

Stroud, Jas. Wm., M.D., F.L.S., F.G.S. (London), Pretoria, S.A.R.

Stroud, Jas. Wm., M.D., F.L.S., F.G.S. (London), Pretoria, S.A.R. Ferns, Geol., Min., Lithol., Articulates, Ent., Hymenopt., Orthopt., Neuropt., Arach., Myriop. C. Ex.

Tidmarsh, Edwin, Botanic Gardens, Grahamstown. Bot.

Trimen, Roland, F.R.S., F.L.S., F.Z.S., F. Ent. S., etc., Cur. of South
African Museum, Cape Town. Ent: Lepid.

Volschenk, J. E. A., Riversdale. Coleopt. Ex. Cape Coleopt. for foreign.

West, Faraday, Port Elizabeth. Arach.

West, Miss, Port Elizabeth. Bot.

West, Oliver, Russel Road, Port Elizabeth. Lepid., Coleopt. C. Ex. Wilms, Frederik, Phil. Dr., Lydenburg, Transvaal. Coleopt. a spec., Bot., Ent. C. Ex.

Woods, Chas. Ray, Astro-Photographer, Royal Obs., Cape of Good Hope. Photog., Ast., Chem.

CONGO.

Grenfell, Geo., F.R.G.S., Bolobo, Upper Congo, Africa. Navigation Charts, Geog. of Congo.

Lewis, Rev. J. Manville, Mukumviki, Congo River. Collector of Savage Curios and rare African Animals and Plants.

Sims, H., M.B., C.M. (Aberd.), American Baptist Missionary Union, Leopoldville, Stanley Pool, The Upper Congo, S. W. Africa. Med.*

EAST AFRICA.

Cox, Lieut. P. Z., Assist. Political Resident, Zaila. E. Africa via Aden. Orn., Ool., Con. C. Ex.*

EGYPT.

Blomfield, R. M., Rear Admiral R. N., Alexandria. Phan. Bot., Hort. Deflers, Albert, Rue Babel-Hadid, Cairo. Bot: Phæn. Plants, Ferns. C. Ex.

D'Hulst, Count R., Cairo.

Kaiser, Alfred, Alaian el Mahdi, Propriétaire de la Station Scientifique, Tôr, Sinai près Suez. Phan. Plants, Alga., Invert. Palao., Geol., Photog., Meteo., Gen. Biol., Geog. Dist., Emb., Mammals, Orn., Herpetol., Ichthyol., Osteol., Hymenopt., Dipt., Coleopt., Hemipt., Orthopt., Neuropt., Arach., Crust., Moll. C. For Sale.*

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Greek and Roman), Numis. (Greek and Roman).

Menberger, E. S., Prof., Cairo, Egypt. Ex. Egyptian Flora. Sonsino, Prospero, Mikrographe Laboratoire Khédivial, Cairo.

GAMBIER.

Carter, Hon. Gilbert T., C.M.G., Administrator Bot. station, Gambia.

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mousses.

West. W. Wade. Port Luis. Con. Mauritius Shells in ex. for others (bivalves excepted).

NATAL.

Haygarth, Walter J., care of Medley Wood, Esq., Cur. Bot. Gardens, Durban. Ent., Hymenopt., Lepid., Dipt., Coleopt., Hemipt., Orthopt., Neuropt. C. Ex.*

Wood, J. Medley, A.L.S., Supt. Natal Bot. Gar., Durban. Bot: Ferns, Fungi. C. Ex. Dried spec. of Natal Plants.*

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Chatelain, Heli, U. S. Consul, Loanda (via Lisbon). Geog. Dist., Anth., Eth., Ethnog., Philol., Tax., Ent., Lepid., Geog. C.

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AUSTRALIA.

NEW SOUTH WALES.

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Beddome, Capt. Chas. E., Hillgrove near Hobart. Moll. C. Ex.

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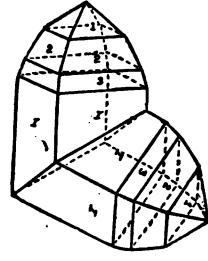
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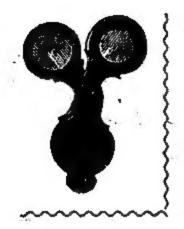
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